

# MONTHLY CATALOG

UNITED STATES

GOVERNMENT PUBLICATIONS

INDUSTRIAL RELATIONS LIBRARY

OCTOBER 1970

NOV 19 1970

UNIVERSITY OF MICHIGAN

Entries 12955-15392

## DISTRIBUTION OF PUBLICATIONS

In ordering publications listed in this catalog, it should be noted that *only* those marked with an asterisk (\*) are obtainable from the Superintendent of Documents.

Publications marked with a farad (Φ) are sold by the Clearinghouse for Federal Scientific and Technical Information, Springfield, VA 22151.

Where a single dagger (†) is the distribution symbol, application should be made directly to the department or bureau issuing the document.

- \* For sale by SUPERINTENDENT OF DOCUMENTS
- Φ For sale by Clearinghouse for Federal Scientific and Technical Information, Springfield, VA 22151
- † Distribution made by Issuing Office. Not definitely available if unaccompanied by a price
- ‡ Printed for Official Use  
(not available for distribution)
- Sent to Depository Libraries

## SIZES OF PUBLICATIONS

Symbols used to designate sizes of publications listed in this catalog are as follows:

4°-----	6-12 inches high and width more than $\frac{3}{4}$ of height
large 4°-----	over 12 inches high and width more than $\frac{3}{4}$ of height
small 4°-----	under 6 inches high and width more than $\frac{3}{4}$ of height
8°-----	8-10 inches in height (size not given in entry except where publication is narrow or oblong)
large 8°-----	10-12 inches in height
12°-----	7-8 inches in height
16°-----	6-7 inches in height
24°-----	5-6 inches in height
32°-----	4-5 inches in height
48°-----	up to 4 inches high
f°-----	above 12 inches in height
narrow-----	width less than $\frac{3}{5}$ of height
oblong-----	width more than height

# **MONTHLY CATALOG**



**OF UNITED STATES  
GOVERNMENT PUBLICATIONS**

---

**OCTOBER 1970**

**Number 909**

---

Entries 12955-15392

**Issued by the SUPERINTENDENT OF DOCUMENTS**

---

**U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 : 1970**

L.C. Card 4-18088

FOR SALE BY THE SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT  
PRINTING OFFICE, WASHINGTON, D.C. 20402. PRICE 75 CENTS PER COPY  
EXCEPT DECEMBER (INDEX) ISSUE, WHICH VARIES IN PRICE  
SUBSCRIPTION PRICE \$7.00 PER YEAR (INCLUDING INDEX)  
\$1.75 ADDITIONAL FOR FOREIGN MAILING

## PREVIEWS

The following publications are in the process of being printed. Advance sales orders may be placed for these publications. Orders will be scheduled and copies mailed as soon as stocks are received. It is not possible to estimate the lapse of time before the publications will actually appear. All information in regard to title, series, classification, distribution, and price given in these listings is preliminary and subject to change when the publications actually come from the press. Those so marked will be sent to depository libraries, providing, that at the time of going to press, the libraries were on list to receive the items under which these publications will be distributed.

**Airport activity statistics by certified route air carriers, 12 months ended June 30, 1969.** (Federal Aviation Administration.) \$2.75. ● TD 4.14: 969  
**Amphibious training.** (Marine Corps, FMFM 3-2, revised.) \$1.50. ●

D. 214.9/4: 3-2/2  
**1967 census of transportation: vol. 1, National travel survey.** (Census Bureau.) \$3.00. ● C 3.233/3: 967/v.1

**1967 census of transportation: vol. 2, Truck inventory and use survey.** (Census Bureau.) \$7.25. ● C 3.233/3: 967/v.2

**Controlling the Eastern Tent Caterpillar.** (Agriculture Department, Home and garden bulletin 178.) 10c. ● A 1.77: 178

**Directory of State, territorial and regional health authorities.** (Public Health Service publication 75; Health Services and Mental Health Administration.) 65c. ● HE 20.2015/2: 970

**Division of Fishery Services annual report for 1969.** (Sport Fisheries and Wildlife Bureau, Resource publication 89.) 60c. ● I 49.66: 89

**Farrowing house for sows, plan 6076.** (Agriculture Department, Miscellaneous publication 1179.) 15c. ● A 1.38: 1179

**Firearms identification.** (Internal Revenue Service, Publication 674, revised Aug. 1970.) 25c. ● T 22.2: F 51/970

**Geology of Renton, Auburn, and Black Diamond Quadrangles.** (Geological Survey, Professional paper 672.) \$1.00. ● I 19.16: 672

**Gray Francolins.** (Sport Fisheries and Wildlife Bureau, Foreign game leaflet no. 2.) 10c. ● I 49.74: 2

**Growing dahlias.** (Agriculture Department, Home and garden bulletin 131, revised.) 10c. ● A 1.77: 131/2

**Growing figs in the South for home use.** (Agriculture Department, Home and garden bulletin 87, revised.) 10c. ● A 1.77: 87/4

**Oceanography 1969, annual report of Commander.** (Naval Oceanographic Office.) 50c. ● D 203.1: 969

**Parts, testing and tests methods.** (National Bureau of Standards, Technical note 498-2.) 45c. ● C 13.46: 498-2

**Planning educational change: vol. 3, Integrating the desegregated school.** (Education Office, OE-38016.) \$1.00. ● HE 5.238: 38016

**The pre-retirement years: vol. 2, Longitudinal study of the labor market experience of men.** (Labor Department, Manpower/automation research monograph 15.) \$1.25. ● L 1.39/3: 15/v.2

**Price variability in the automobile insurance market.** (Transportation Department, Automobile and Insurance Compensation Study.) \$2.00 ● TD 1.17: P 93

**Proceedings of seventh annual working group on extraterrestrial resources.** (National Aeronautics and Space Administration, NASA SP-229.) \$1.50. ● NAS 1.21: 229

**The Russell Mountain formation, a new stratigraphic unit in Western Massachusetts.** (Geological Survey, Bulletin 1324-B.) 10c. ● I 19.3: 1324-B

**South African graywing Francolins.** (Sport Fisheries and Wildlife Bureau, Foreign game leaflet no. 4.) 10c. ● I 49.74: 4

**Summary of mining and petroleum laws, part 1, Western Hemisphere.** (Mines Bureau, Information circular 8482.) \$1.25. ● I 28.27: 8482

- Symposium on infectious multiple drug resistance. (Food and Drug Administration.) \$1.00 ●  
 HE 20.4002: D84
- Task Force report on air pollution. (President of the United States.) 30c. ●  
 Pr 37.8: A1 7/R 29
- Tax guide for small business. (Internal Revenue Service, Publication 334, 1971 edition.) 75c. ●  
 T 22.19/2: Sm 1/971
- They have the power, we have the people. (Equal Employment Opportunity Commission.) 55c. ●  
 Y 3.Eq 2: 2 P 87
- Vacuum freezing vapor compression process: 60,000 GPD pilot plant evaluation. (Interior Department, Saline water research and development progress report 573.) \$1.00. ●  
 I 1.88: 573
- Vertical tube evaporator utilizing vortex flow and interface enhancement. (Interior Department, Saline water research and development progress report 574.) 75c. ●  
 I 1.88: 574
- Why not be an urban planner. (Women's Bureau, Leaflet 49.) 10c. ●  
 L 13.11: 49
- Your Federal income tax. (Internal Revenue Service, Publication 17, 1971 edition.) 75c. ●  
 T 22.44: 971

## Contents

---

---

	Page
Previews -----	III
Abbreviations, Explanation -----	VI
General Information -----	VII
How To Order Publications -----	VIII
New Classification Numbers -----	IX
Corrections for Previous Monthly Catalogs -----	XI
List of Government Authors -----	XIII
Monthly Catalog -----	1
Index -----	135

---

---

## Abbreviations

add-----	addition, addendum, addenda.	n. d.-----	no date.
amdt., amdts-----	amendment, amend- ments.	n. p.-----	no place.
app-----	appendix, appendixes.	no., nos-----	number, numbers.
bk., bks-----	book, books.	p-----	page, pages.
chap-----	chapter, chapters.	p. of pl-----	pages of plates.
Cong-----	Congress.	par., pars-----	paragraph, para- graphs.
Dept-----	Department.	pl-----	plate, plates.
doc-----	document.	por-----	portrait, portraits.
facsim-----	facsimile, facsimiles.	pt., pts-----	part, parts.
fy-----	fiscal year.	rp-----	report.
G.H.A-----	Greenwich hour angle.	S-----	Senate, Senate bill.
H-----	House.	S. Con. Res-----	Senate concurrent reso- lution.
H. Con. Res-----	House concurrent reso- lution.	S. doc-----	Senate document.
H. doc-----	House document.	S. ex. doc-----	Senate executive docu- ment.
H. ex. doc-----	House executive docu- ment.	S. ex. rp-----	Senate executive re- port.
H. J. Res-----	House joint resolution.	S. J. Res-----	Senate joint resolution.
H.R-----	House of Representa- tives, House bill.	S. Res-----	Senate resolution.
H. Res-----	House resolution.	S. rp-----	Senate report.
H. rp-----	House report.	sec-----	section, sections.
il-----	illustration, illustra- tions.	sess-----	session, sessions.
in-----	inch, inches.	Stat. L-----	Statutes at large.
lat-----	latitude.	supp-----	supplement.
long-----	longitude.	tab-----	table, tables.
m-----	mile.	Treas-----	Treasury.
		v-----	volume, volumes.
		vs., v-----	versus.

Common abbreviations for the names of States, months, etc., are also used.

An explanation of the symbols used to designate sizes of publications is given on the inside of the front cover.

## Explanation

The individual issuing department, bureau, office, or agency is considered the publisher of Government publications.

Words and figures enclosed in brackets [ ] in titles are given for information, but do not appear on the title pages of the publications cataloged. Place and printer are not given for publications printed at the United States Government Printing Office, Washington, D.C., or at Government departmental and field printing plants. The dates given with Senate and House documents and reports are the dates on which they were ordered to be printed. Usually the printing promptly follows the ordering, but various causes sometimes make delays.

Under provisions of the Printing Act of January 12, 1895, all Government publications, except administrative and confidential (or restricted), are entered in the Monthly Catalog.

The L.C. card number appended to some of the entries is for those libraries ordering printed cards from the Library of Congress. The number at the extreme right of an entry indicates the classification of the publication in the Office of the Superintendent of Documents.

# General Information

The Superintendent of Documents, Government Printing Office, Washington, DC, is authorized by law to sell copies of Government publications and to allow a discount of 25 percent to book dealers and also to quantity purchasers of 100 or more copies of a single publication on condition that they will adhere to the public sales price set by the Superintendent of Documents and that publications shall not be overprinted with any advertising matter.

Publications cannot be supplied free to individuals nor forwarded in advance of payment.

## PRICE LIST

There is no general price list of public documents, but numerous lists have been prepared on special subjects and any of these will be furnished free, on application, by subject or subjects concerning which information is desired. It will also be noted that current publications which are for sale are listed in this catalog.

## LIST OF SELECTED PUBLICATIONS

In addition to the price lists, the Documents Office issues a biweekly list of Selected United States Government publications for sale by the Superintendent of Documents. Each list is arranged alphabetically by subjects, with annotations and prices, and may be obtained free upon application to the Superintendent of Documents.

## CONGRESSIONAL BILLS, DOCUMENTS, AND REPORTS

More than 12,000 different bills are usually introduced during a Congress, and there are additional prints on many during the progress of the legislation. With the exception of a very few—such as revenue bills—the demand is an unknown quantity and on most of them we receive no orders, which makes it impossible to print a sales supply. It may be that a copy could be obtained from your Congressman.

A difficult problem is also presented in providing a supply of congressional documents, hearings, and reports because there are approximately 6,000 of this class of publications issued during a Congress and only a few of them are called for. We will attempt to print for sale a few of the more important ones, but if not priced the only possible source would be from your Congressman.

## HOW TO ORDER PUBLICATIONS

Publications entered in this catalog that are for sale by the Superintendent of Documents are indicated by an asterisk (\*) preceding the price. Those for sale by the Clearinghouse for Federal Scientific and Technical Information are indicated by a farad (Φ) preceding the price. A black dot (●) indicates that the publication has been or will be sent to depository libraries. A dagger (†) indicates that application should be made to the department, bureau, or agency issuing the document. A double dagger (‡) indicates that the document is printed for official use and is not obtainable. Whenever additional information concerning the method of procuring a document seems necessary, it will be found under the name of the bureau by which it was published.

In ordering a publication from the Superintendent of Documents, give (if known) the name of the publishing department, bureau, or agency, and the title, together with the classification number which is added to the entry at the extreme right; order the congressional documents and reports by the title, together with the document or report number and the Congress, e.g., H. Doc. 103, 88th Congress.

Do not use the L.C. card number in ordering a publication from the Superintendent of Documents.

### HOW TO REMIT

Remittances for documents marked with an asterisk (\*) should be made to the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, by coupon, postal money order, express order, or check. Publications cannot be mailed in advance of receipt of remittance. Currency may be sent at sender's risk. Foreign remittance should be made either by international money order or draft on an American bank.

*Foreign money, defaced or smooth coins, will not be accepted. Do not send postage stamps.*

For the convenience of the general public, coupons in the denomination of 5¢ that are good until used in exchange for Government publications sold by the Superintendent of Documents, may be purchased from this office. Address order to Superintendent of Documents, Government Printing Office, Washington, DC 20402.

Persons who make frequent purchases from the Superintendent of Documents may find a deposit account convenient. Deposits of \$25.00 or more are accepted against which orders may be placed without making individual remittances or first obtaining quotations. Order blanks are furnished for this purpose. After the handling of the order has been completed, it will be returned showing the publications supplied, explanations regarding those not sent, the amount of charge, and the balance on deposit.

No charge is made for postage on documents forwarded to points in United States and possessions, or to Canada, Cuba, Mexico, and certain Central and South American countries. To other countries the regular rate of postage is charged, and remittances must cover such postage. In computing foreign postage, add one-fourth of the price of the publication.

### LIBRARY CLASSIFICATION IN DOCUMENTS OFFICE

The classification given at the right of entries for departmental publications is that used in the Library of the Division of Public Documents. It is also used as a catalog number for sales stock of this office. The shilling mark (/) separates that would ordinarily be superior or inferior numbers or letters, as it is not practicable to print these numbers or letters as superiors or inferiors in the Monthly Catalog.

# New Classification Numbers

D 119.14: nos.....	Civil Defense Office. Buildings with fallout protection, design case studies (numbered).
D 203.32: Reserved	Naval Oceanographic Office.
D 203.32/2: nos.....	National Oceanographic Instrumentation Center: Instrument fact sheet, IFS--(series).
D 208.3/2: date.....	Naval Personnel Bureau. Navy chaplains bulletin (quarterly).
HE 1.38: date.....	Health, Education, and Welfare Department. Directory of public elementary and secondary schools in selected districts, enrollment and staff by racial/ethnic group.
HE 17.801: date.....	Youth Development and Delinquency Prevention Administration. Annual report.
HE 17.802: CT.....	General publications.
HE 20.11: nos.....	Public Health Service. Public Health Service bibliography series (numbered). NOTE.—See, for earlier class, FS 2.21: (nos.).
HE 20.1408: CT.....	Solid Waste Management Bureau. Handbooks, manuals, guides. NOTE.—See, for earlier publications, HE 20.1108: (CT).
HE 20.1410: CT.....	Addresses.
HE 20.1501: date.....	Radiological Health Bureau. Annual report.
HE 20.1502: CT.....	General publications.
HE 20.1503: -1511: Reserved	
HE 20.1512: nos.....	ORO [Office of Regional Operations] (series). NOTE.—See, for earlier class, HE 20.1112: (nos.).
HE 20.1801: date.....	Community Environmental Management Bureau. Annual report.
HE 20.1802: CT.....	General publications.
HE 20.2314: date.....	National Communicable Disease Center. United States immunization survey.
HE 20.2421: CT.....	National Institute of Mental Health. Posters.
HE 20.2509/2: date.....	Health Facilities Planning and Construction Service. Hill-Burton program progress report (annual). NOTE.—See, for earlier class, FS 2.95: (date).
HE 20.2557/2: date.....	Community Health Service. CHScene, notes from the Community Health Service.
HE 20.2611: date.....	Regional Medical Programs Service. Selected bibliography of regional medical programs. NOTE.—See, for earlier publication, FS 2.24: M 46/2.
HE 20.2710: v.nos.& nos.....	Federal Health Programs Service. Automated multiphasic health testing bibliography.

HE 20.3166: CT-----	National Cancer Institute. Research reports. NOTE.—See, for earlier class, FS 2.22/32:(CT)
HE 20.3251: date-----	National Institute of Allergy and Infectious Diseases. Annual report.
HE 20.3252: CT-----	General publications. National Institute of Arthritis and Metabolic Diseases.
HE 20.3314: date-----	Annual contractors' conference of artificial kidney program, proceedings. NOTE.—See, for earlier publication, FS 2.22: K 54
HE 20.3362: nos-----	National Institute of Child Health and Human Development. Population research reports (numbered). NOTE.—See, for earlier class, FS 2.22/61:(nos.).
HE 20.3551: date-----	National Institute of Environmental Health Sciences. Annual report.
HE 20.3352: CT-----	General publications. National Eye Institute.
HE 20.3751: date-----	Annual report.
HE 20.3752: CT-----	General publications.
HE 20.3759/2: date-----	Conference of model reporting area for blindness, proceedings (annual). NOTE.—See, for earlier class, FS 2.22/37:(date).
HE 20.4016: -.4018: Reserved	Food and Drug Administration.
HE 20.4019: date-----	Poison control statistics (annual).
HE 21.110: nos-----	Children's Bureau. Publications (numbered). NOTE.—See, for earlier class, FS 17.210:(nos.).
HE 21.111: nos-----	Folders. NOTE.—See, for earlier class, FS 17.215:(nos.).
HE 21.112: nos-----	Research relating to children, bulletin (numbered). NOTE.—See, for earlier class, FS 17.211:(nos.).
HE 21.113: CT-----	Bibliographies and lists of publications. NOTE.—See, for earlier class, FS 17.212:(CT).
HH 8.10: nos-----	Urban Management Assistance Administration. Housing planning information series (numbered).
I 19.53/3: date-----	Geological Survey. National reference list of water quality stations, water year (annual).
LC 1.30/8: v.nos.& nos-----	Library of Congress. Accessions list: Eastern Africa.
LC 1.32/4: date-----	Federal Library Committee: Annual report.
PrEx 14.1: date-----	Council on Environmental Quality. Annual report.
PrEx 14.2: CT-----	General publications.
S 19.12/2: date-----	Peace Corps Bi-annual statistical summary.
TD 1.19: date-----	Transportation Department. National plan for navigation (annual).
TD 1.118: CT-----	National Transportation Safety Board. Pipeline accident reports.
TD 2.117/2: letters-nos-----	Public Roads Bureau. TIES computer program (series).
TD 2.127: nos-----	Hydraulic design series (numbered). NOTE.—See, for earlier class, C 37.23:(nos.)

TD 5.3: nos.-----	Coast Guard. Bulletins. NOTE.—See, for earlier class, T 47.3: (nos.).
TD 8.1: date-----	National Highway Safety Bureau. Annual report. NOTE.—See, for earlier class TD 2.201: (date).
TD 8.2: CT-----	General publications. NOTE.—See, for earlier class, TD 2.202: (CT).
TD 8.3: ~.10: Reserved	
TD 8.10/2: nos-----	Highway safety literature indexes (annual). NOTE.—See, for earlier class, TD 2.210/4: (nos.).
TD 8.11: DOT HS nos-----	Multidisciplinary accident investigations (numbered).

### Corrections for Previous Monthly Catalogs

- Sept. 1968. Entry 12759, United States Government organization manual, 1968-69. On second line, following [1968.], insert viii + 842 p.
- Sept. 1969. Entries 12399-400, Community profiles. In heading correct ‡ to read  $\Phi$  Paper, each \$3.00. In each entry correct [1969] to read [1968].
- Nov. 1969. Entries 15537-612, Community profiles. In heading correct ‡ to read  $\Phi$  Paper, each \$3.00. In each entry correct [1969] to read [1968].
- May 1970. Page xi, TD 4.412: CT . . . Data reports (numbered). Correct class to read TD 4.34: (nos.).
- Entry 6792, Progress report on Federal housing and urban development programs . . . Mar. 1970. Correct class to read Y 4.B 22/3: H 81/53/970.
- Entries 6890-6967, Community profiles. In heading correct ‡ to read  $\Phi$  Paper, each \$3.00. In each entry correct [1970] to read [1968].
- June 1970. Entries 8493-94, Community profiles. In each entry correct [1970] to read [1968], and ‡ to read  $\Phi$  Paper, \$3.00.
- July 1970. Entry 10012, Souris River, N. Dak., letter from Chief of Engineers, Army submitting report; Apr. 21, 1970. Correct class to read D 103.22: So 8/3.
- Entry 10602, Digest of international law, v. 13. Change v. 13 to v. 7.
- August 1970. Entry 10734, Field manual FM 21-11, First aid for soldiers, May 1970. Add ● Item 324 at end of entry.
- Entry 10946, 332, Blue River vicinity of Kansas City, Mo. and Kans. Add on second line following 1970: xxix+183 p. 1l. 4<sup>o</sup>
- Entry 11103, Plant variety protection act, hearing before subcommittee on Agricultural Research and General Legislation. Correct class to read Y 4.Ag 8/2: P 69/3.
- Entry 11337, FDA current drug information, news and reports of interest to practicing physicians: Lithium carbonate. Correct class to read HE 20.4013: L 71.
- Entry 11761, Source of funds expended for public assistance payments and for cost of administration, services, and training, fiscal year 1969. Correct class to read HE 17.634: 969.
- Sept. 1970. Entries 12401-490, Community profiles. In each entry correct [1970] to read [1968], and ‡ to read  $\Phi$  Paper, \$3.00.



## List of Government Authors

	Beginning entry
Administrative Office of United States Courts.....	12956
Advisory Commission on Intergovernmental Relations.....	12957
Agriculture Department.....	12972
Agricultural Research Service.....	12960
Agricultural Stabilization and Conservation Service.....	12967
Commodity Exchange Authority.....	13247
Consumer and Marketing Service.....	13762
Cooperative State Research Service.....	13769
Economic Research Service.....	14265
Farmer Cooperative Service.....	14354
Foreign Agricultural Service.....	14424
Forest Service.....	14425
Personnel Office.....	15106
Rural Electrification Administration.....	15051
Soil Conservation Service.....	15176
Statistical Reporting Service.....	15336
Atomic Energy Commission.....	13064
Cabinet Committee on Opportunity for the Spanish Speaking.....	13095
Civil Aeronautics Board.....	13186
Civil Rights Commission.....	13193
Civil Service Commission.....	13194
Commerce Department.....	13216
Business and Defense Services Administration.....	13092
Census Bureau.....	13096
Economic Development Administration.....	13819
Environmental Science Services Administration.....	14340
Coast and Geodetic Survey.....	13208
Weather Bureau.....	15387
International Commerce Bureau.....	14617
Maritime Administration.....	14757
National Bureau of Standards.....	14914
Patent Office.....	15102
United States Travel Service.....	15371
Congress.....	13250
Atomic Energy Joint Committee.....	13348
Economic Joint Committee.....	13350
House of Representatives.....	13352
Agriculture Committee.....	13490
Appropriations Committee.....	13492
Armed Services Committee.....	13494
Banking and Currency Committee.....	13499
Education and Labor Committee.....	13503
Foreign Affairs Committee.....	13507
Government Operations Committee.....	13519

## Congress—Continued

	Beginning Entry
House of Representatives—Continued	
Interior and Insular Affairs Committee.....	13523
Interstate and Foreign Commerce Committee.....	13527
Judiciary Committee.....	13530
Merchant Marine and Fisheries Committee.....	13534
Post Office and Civil Service Committee.....	13536
Science and Astronautics Committee.....	13540
Small Business, Select Committee on.....	13544
Veterans' Affairs Committee.....	13545
Ways and Means Committee.....	13548
Internal Revenue Taxation Joint Committee.....	13553
Reduction of Federal Expenditures Joint Committee.....	13555
Senate.....	13558
Aeronautical and Space Sciences Committee.....	13705
Aging, Special Committee on.....	13706
Agriculture and Forestry Committee.....	13707
Appropriations Committee.....	13708
Armed Services Committee.....	13712
Banking and Currency Committee.....	13715
Commerce Committee.....	13717
Equal Educational Opportunity, Select Committee on.....	13726
Finance Committee.....	13727
Foreign Relations Committee.....	13731
Government Operations Committee.....	13736
Interior and Insular Affairs Committee.....	13740
Judiciary Committee.....	13744
Labor and Public Welfare Committee.....	13751
Nutrition and Human Needs, Select Committee on.....	13756
Post Office and Civil Service Committee.....	13757
Public Works Committee.....	13758
Small Business, Select Committee on.....	13761
Court of Claims.....	13773
Defense Department.....	13774
Air Force Department.....	13010
Air Force Academy.....	13009
Army Department.....	13036
Army Medical Department.....	13063
Civil Defense Office.....	13187
Engineers Corps.....	14300
Lake Survey.....	14743
Military Academy, West Point.....	14767
Military History, Office of Chief of.....	14771
Information for Armed Forces, Office of.....	14589
National Guard Bureau.....	14954
Navy Department.....	15098
Judge Advocate General.....	14649
Medicine and Surgery Bureau.....	14759
Naval Operations Office.....	15056
Naval Oceanographic Office.....	15044
Naval Personnel Bureau.....	15057
Naval Research Office.....	15060
Naval Ship Systems Command.....	15097

	Beginning Entry
District of Columbia.....	13818
Equal Employment Opportunity Commission.....	14353
Federal Communications Commission.....	14364
Federal Deposit Insurance Corporation.....	14365
Federal Home Loan Bank Board.....	14368
Federal Interagency Committee on Education.....	14371
Federal Maritime Commission.....	14372
Federal Power Commission.....	14375
Federal Reserve System Board of Governors.....	14386
Fine Arts Commission.....	14420
General Accounting Office.....	14491
General Services Administration	
Federal Supply Service.....	14398
National Archives and Records Service.....	14905
Federal Register Office.....	14385
Public Buildings Service.....	15123
Government Printing Office.....	14557
Public Documents Division.....	15124
Health, Education, and Welfare Department.....	14558
Child Development Office	
Children's Bureau.....	13182
Education Office.....	14274
Public Health Service.....	15128
Environmental Health Service	
Community Environmental Management Bureau.....	13247A
National Air Pollution Control Administration.....	14901
Radiological Health Bureau.....	15139
Solid Waste Management Bureau.....	15255
Food and Drug Administration.....	14423
Health Services and Mental Health Administration	
Community Health Service.....	13248
Federal Health Programs Service.....	14366
Health Facilities Planning and Construction Service.....	14567
Indian Health Service.....	14588
National Center for Health Services Research and Development.....	14933
National Center for Health Statistics.....	14934
National Communicable Disease Center.....	14950
National Institute of Mental Health.....	15011
Regional Medical Programs Service.....	15148
National Institutes of Health	
Health Professions Education and Manpower Training Bureau.....	14569
National Cancer Institute.....	14932
National Eye Institute.....	14953
National Institute of Allergy and Infectious Diseases.....	15006
National Institute of Arthritis and Metabolic Diseases.....	15007
National Institute of Child Health and Human Development.....	15009
National Institute of Environmental Health Services.....	15010
National Institute of Neurological Diseases and Stroke.....	15021
National Library of Medicine.....	15023

	Beginning Entry
Health, Education, and Welfare Department—Continued	
Social and Rehabilitation Service.....	15163
Aging Administration.....	12958
Community Services Administration.....	13249
National Center for Social Statistics.....	14937
Rehabilitation Services Administration.....	15150
Youth Development and Delinquency Prevention Administration.....	15391
Social Security Administration.....	15164
Housing and Urban Development Department.....	14571
Federal Housing Administration.....	14369
Urban Management Assistance Administration.....	15374
Interdepartmental Committee on Status of Women.....	14591
Interior Department.....	14592
Bonneville Power Administration.....	13090
Coal Research Office.....	13207
Federal Water Quality Administration.....	14400
Fish and Wildlife Service.....	14421
Commercial Fisheries Bureau.....	13231
Sport Fisheries and Wildlife Bureau.....	15200
Geographic Names Board.....	14517
Geological Survey.....	14518
Land Management Bureau.....	14746
Library.....	14602
Mines Bureau.....	14772
National Park Service.....	15024
Oil and Gas Office.....	15101
Reclamation Bureau.....	15140
Interstate Commerce Commission.....	14647
Justice Department.....	14650
Immigration and Naturalization Service.....	14584
Narcotics and Dangerous Drugs Bureau.....	14805
Labor Department.....	14653
Labor Statistics Bureau.....	14659
Manpower Administration	
Apprenticeship and Training Bureau.....	13084
Unemployment Insurance Service.....	15367
Wage and Labor Standards Administration	
Labor Standards Bureau.....	14657
Wage and Hour Public Contracts Divisions.....	15384
Women's Bureau.....	15389
Library of Congress.....	14751
Copyright Office.....	13770
Missouri Basin Inter-Agency Committee.....	14801
National Advisory Council on Vocational Education.....	14806
National Aeronautics and Space Administration.....	14807
National Clearinghouse for Drug Abuse Information.....	14940
National Commission on Reform of Federal Criminal Laws.....	14949
National Credit Union Administration.....	14952
National Labor Relations Board.....	15022
National Science Foundation.....	15034
Post Office Department.....	15107

	Entry Beginning
President of United States.....	15118
Executive Office of the President	
Budget Bureau.....	13091
Council on Environmental Quality.....	13772
Economic Opportunity Office.....	13823
Emergency Preparedness Office.....	14299
Science and Technology Office.....	15156
Small Business Administration.....	15157
Smithsonian Institution.....	15160
National Collection of Fine Arts.....	14948
State Department.....	15278
International Development Agency.....	14645
Peace Corps.....	15105
Tariff Commission.....	15343
Tennessee Valley Authority.....	15350
Transportation Department.....	15354
Coast Guard.....	13211
Federal Aviation Administration.....	14355
Air Traffic Service.....	13030
Aviation Medicine Office.....	13088
Systems Research and Development Service.....	15339
Federal Highway Administration	
Motor Carrier Safety Bureau.....	14802
Public Roads Bureau.....	15132
Federal Railroad Administration.....	14381
National Highway Safety Bureau.....	14957
National Transportation Safety Board.....	15036
St. Lawrence Seaway Development Corporation.....	15155
Treasury Department.....	15365
Fiscal Service	
Accounts Bureau.....	12955
Internal Revenue Service.....	14605
United States-Puerto Rico Commission on Status of Puerto Rico.....	15370
Veterans Administration.....	15377



# Monthly Catalog

NO. 909 • OCTOBER 1970

## ACCOUNTS BUREAU, Treasury Dept. Washington, DC 20220

- 12955 Report on foreign currencies in custody of United States for period July 1-Dec. 31, 1968. [Mar. 24, 1969.] cover title, [1]+55 leaves, 4° †  
T 63.102: C 93/968-2

## ADMINISTRATIVE OFFICE OF UNITED STATES COURTS Washington, DC 20543

- 12956 Reports of proceedings of Judicial Conference of United States, held at Washington, D.C., Mar. 13-14, June 10, and Oct. 31-Nov. 1, 1969; Annual report of Director of Administrative Office of United States Courts, [fiscal year] 1969. 1970. xv+387 p. il. † • Item 728  
Ju 10.1: 969  
L.C. card 41-18702

## ADVISORY COMMISSION ON INTERGOVERNMENTAL RELATIONS Washington, DC 20575

- 12957 Gap between Federal aid authorizations and appropriations, fiscal years 1966-1970, staff analysis. June 1970. v+46 p. 4° (M-52.) [Prepared in cooperation with Council of State Governments. Text on p. 2-3 of cover.]  
\* Paper, 50c. • Item 1049-D  
L.C. card 78-608481  
Y 3.Ad 9/8: 2 A12

## AGING ADMINISTRATION, Health, Education, and Welfare Dept. Washington, DC 20201

- 12958 Basic concepts of aging, programmed manual; [by] Thomas A. Rich [and] Alden S. Gilmore. July 1969 [published [1970]]. [11]+122 p. il. 4° [Prepared under AOA grant AA-5-68-035-01-A1 by University of South Florida, Tampa, Fla.] \* Paper, \$1.25 • Item 447-A-3  
HE 17.308: Ag 4  
L.C. card 77-608500
- 12959 Designs for action for older Americans: Project report on statewide community organization. [May 1970.] 6 p. il. 4° ([SRS-AoA publication 908.]) [Issued with perforations.] \* Paper, 10c. • Item 447-A-5  
HE 17.310: St 2

## AGRICULTURAL RESEARCH SERVICE, Agriculture Dept. Washington, DC 20250

### ARS (series). A 77.15: (Nos.)

- 12960 51-30. Bibliography of insect-resistant packaging, 1913-69; [by Henry A. Highland and C. E. Metts]. Aug. 1970. 16 p. 4° ([Stored-Product Insects Research Branch, Market Quality Research Division]; Agricultural Research Service.) †  
L.C. card 74-608929
- 12961 71-38-2. Publications and patents on fermentation research during 1969 at Northern Utilization Research and Development Division, Peoria, Ill. June 1970. 8 p. 4° †
- 12962 91-83. Cooperative State-Federal tick eradication activities, fiscal year 1969: [prepared by Animal Health Division]. Feb. 1970. 11 p. il. 4° †

♣For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

•Sent to Depository Libraries

Page 1

## GOVERNMENT PUBLICATIONS

- 12963 Index-catalogue of medical and veterinary zoology : supp. 18, pt. 1, Authors A-Z ; by Dorothy B. Segal [and others]. Aug. 1970. iii+646 p. 4° (Beltsville Parasitological Laboratory, Animal Disease and Parasite Research Division.) \* Paper, \$5.50 • Item 31  
L.C. card 63-65031 A 77.219/2 : 18/pt.1
- 12964 Laboratories and functions of Eastern Utilization Research & Development Division, Wyndmoor, Pa. [May 1970.] 26 p. narrow 8° [Text on p. 2 of cover.] † A 77.2 : Ea 7/3/970
- 12965 Plant Protection Division, Western Region, cooperative programs, 1969. Oakland, Calif., Jan. 1970. [4]+75 p. il. 4° [Some illustrations are colored.] ‡ A 77.2 : P 69/969
- 12966 Summary report of utilization research and development, [fiscal year 1969]. [Apr. 1970.] [1]+75 p. il. 4° ‡ A 77.2 : Ut 3/969  
L.C. card 78-60645

### AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE, Agriculture Dept., Washington, DC 20250

- 12967 1969 annual report and statistical summary of programs administered by Massachusetts State ASCS Office. Amherst, Mass. [1970]. 19+[10] leaves il. 4° ‡ A 82.1/2 : M 38/969  
L.C. card 70-602006
- 12968 ASCS 1969 annual report, West Virginia ; [compiled and published by West Virginia State ASCS Office]. Mar. 1970. cover title, iii+[13] leaves, 73 p. 4° (Agricultural Stabilization and Conservation Service, Morgantown, W. Va.) ‡ A 82.1/2 : W 52 v/969  
L.C. card 68-62252
- ASCS background information BI (series).
- 12969 9. Conservation reserve program. Mar. 1970. 8 p. 4° † A 82.82 : 9/2
- 12970 Fertilizer supply 1969-70, nitrogen, phosphate, potash [with list of references to current fertilizer data ; prepared by John N. Mahan]. Mar. 1970. [1]+1+24 p. 4° † A 82.77 : 969-70  
L.C. card 52-60877
- 12971 Montana 1969 annual report. Bozeman, Mont. [1970.] cover title, [15] leave+[3]+53 p. il. 4° ‡ A 82.1/2 : M 76/969  
L.C. card 70-600087

### AGRICULTURE DEPARTMENT Washington, DC 20250

NOTE.—Requests to the Department of Agriculture for publications should include the USDA number if given in the entry.

- 12972 Address by Assistant Secretary Richard E. Lyng before national meeting of Institute of Food Technologists, San Francisco, Calif., May 26, 1970. 1970. 10 p. 4° (7463 ; USDA 1597-70.) † A 1.40 : L 90/2
- 12973 Address by Secretary of Agriculture Clifford M. Hardin before American Agricultural Editors Association at Washington Hotel, Washington, D.C., June 22, 1970. 1970. 10 p. 4° (7692 ; USDA 1889-70.) † A 1.40 : H 21/6
- Agriculture handbooks. • Item 3 A 1.76 : (nos.)
- 12974 73. Wood-frame house construction [with list of literature cited] ; by L. O. Anderson. Revised July 1970. [1970.] v+223 p. il. 4° (Forest Products Laboratory, Forest Service.) \* Paper, \$2.25. L.C. card 70-608822
- 12975 236. Japanese beetle in United States ; [by Walter E. Fleming]. [Revised Aug. 1970.] [1970.] [2]+50 p. il. (Agricultural Research Service) \* Paper, 25¢. L.C. card 78-608658

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

# OCTOBER 1970

- 12976 360. Fire weather, guide for application of meteorological information to forest fire control operations; by Mark J. Schroeder and Charles C. Buck. May 1970. v + 229 p. il. 4° (Forest Service.) [Some illustrations are colored.] \* Paper, \$3.75.  
L.C. card 78-608911
  - 12977 374. Manual of carices of Rocky Mountains and Colorado basin [with bibliography]; by Frederick J. Hermann. [July 1970.] [2] + 299 p. il. (Forest Service.) \* Cloth, \$3.50.  
L.C. card 77-608864
  - 12978 383. Housing for migrant agricultural workers; by J. W. Simons [and others]. [Aug. 1970.] [4] + 43 p. il. 4° (Agricultural Research Service.) \* Paper, 50c.  
L.C. card 71-608912
- Agriculture information bulletin.
- 12979 267. Know your soil. [Feb. 1963; slightly revised Aug. 1970.] [1970.] 16 p. il. 4° (Soil Conservation Service.) \* Paper, 20c. ● Item 4  
L.C. card 76-609065 A 1.75: 267/3
- Home and garden bulletins. ● Item 11 A 1.77: (nos.)
- 12980 17. Food guide for older folks; [prepared by Consumer and Food Economics Research Division, Agricultural Research Service]. Revised June 1959; slightly revised Aug. 1970.] [1970] 16 p. il. \* Paper, 10c.  
L.C. card 71-608947
  - 12981 118. Beef and veal in family meals, guide for consumers; [prepared by Consumer and Food Economics Research Division, Agricultural Research Service]. [Jan. 1967, slightly revised Sept. 1970.] [1970.] [2] + 30 p. il. [Supersedes Home and garden bulletin 27, Meat for thrifty meals.] \* Paper, 20c.  
L.C. card 70-608941
  - 12982 168. House construction, how to reduce costs; [by Jerry O. Newman, and Norman C. Teter and Constance D. O'Brien. [Aug. 1969; slightly revised Sept. 1970.] [1970.] 16 p. il. ([Agricultural Engineering Research Division, Agricultural Research Service.]) [Prepared in cooperation with members of Western Region Plan Exchange Committee of Cooperative Farm Building Plan Exchange.] \* Paper, 10c.
  - 12983 177. How to buy dry beans, peas, and lentils. [June 1970.] 12 p. il. narrow 8° ([Consumer and Marketing Service.]) [Some illustrations are colored.] \* Paper, 25c.
- Household food consumption survey, 1965-66 report.
- 12984 9. Dietary levels of households in South, spring 1965 [with bibliographies; by Consumer and Food Economics Research Division, Agricultural Research Service.] [July 1970.] cover title, ii + 117 p. il. oblong 8° \* Paper, \$1.00.  
● Item 11-A  
L.C. card 72-603028 A 1.86: 9/2
- Leaflets. ● Item 12 A 1.35: (nos.)
- 12985 450. Horse bots, how to control them; [prepared by Entomology Research Division, Agricultural Research Service]. [Revised Sept. 1969, slightly revised July 1970.] [1970.] 8 p. il. \* Paper, 10c.  
L.C. card 75-608475
  - 12986 521. Potato leafhopper on alfalfa, how to control it; [prepared by Entomology Research Division, Agricultural Research Service]. [May 1963; slightly revised July 1970.] [1970.] [6] p. il. \* Paper, 10c.  
L.C. card 70-608637
  - 12987 547. Commercial growing of horseradish. [Feb. 1968; slightly revised Aug. 1970.] [1970.] 6 p. il. ([Crops Research Division, Agricultural Research Service.]) [Supersedes Leaflet 129, Production and preparation of horseradish.] \* Paper, 10c.
- Marketing bulletin.
- 12988 47. USDA's acceptance service for meat and meat products. [Revised July 1970.] [1970.] 8 p. il. oblong 24° (Consumer and Marketing Service.) \* Paper, 10c. ● Item 13-G  
A 1.95: 47/2
- Marketing research reports. ● Item 13-B A 1.82: (nos.)
- 12989 882. Preliminary evaluation of new candidate materials as toxicants, repellents, and attractants against stored-product insects-1; [by Lehman L. McDonald, Richard H. Guy, and Roy D. Speirs]. [Aug. 1970.] iii + 8 p. 4° (Agricultural Research Service.) \* Paper, 15c.  
L.C. card 74-608823
  - 12990 880. Sanitary regulation of fluid milk industry, inspection, cost, and barriers to market expansion; [by W. Webster Jones]. [June 1970.] iv + 45 p. 4° (Economic Research Division.) [Text on p. 2-3 of cover. Page 45 printed on inside of back cover.] †  
L.C. card 74-608263
  - 12991 802. Farm machinery and equipment industry, its changing structure and performance [with list of literature cited; by Paul E. Nelson]. [Aug. 1970.] iv + 27 p. il. 4° (Marketing Economics Division, Economic Research Service.) \* Paper, 25c.  
L.C. card 76-608644

†For Sale by Clearinghouse, U.S. Department of  
 Commerce, Springfield, Va. 22151  
 ●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## Marketing research reports—Continued

- 12992 898. Soybean and cottonseed oils used in shortening and salad and cooking oils, trends, prices, spreads; [by Thomas B. Smith]. [Aug. 1970.] vii+31 p. il. 4° ([Fibers and Grains Branch, Marketing Economics Division], Economic Research Service.) †  
L.C. card 70-608846
- 12993 901. Prices and spreads for potatoes, sweet-potatoes, and other selected vegetables sold in fresh markets, 1962/63-1966/67; [by Victor G. Edman and Alfred J. Burns]. [Sept. 1970.] cover title, ix+146 p. il. 4° (Economic Research Service.) †  
L.C. card 74-608890

## Miscellaneous publications. • Item 13-A

A 1.38:(nos.)

- 12994 1107. Color filmstrips and slide sets of United States Department of Agriculture. [Revised July 1970.] [1970.] cover title, ii+13 p. [Text on p. 2 of cover.] \* Paper, 20c.
- 12995 1162. Bibliography of potato diseases through 1945, with common and scientific names; [compiled by Muriel J. O'Brien and E. L. LeClerg]. July 1970. [4]+243 p. (Agricultural Research Service.) \* Paper, \$1.25.  
L.C. card 76-608932
- 12996 1164. Hydrologic data for experimental agricultural watersheds in U.S., 1963; compiled by Harold W. Hobbs and James B. Burford, July 1970. iv+465 p. il. 4° (Agricultural Research Service.) [Prepared in cooperation with State agricultural experiment stations. Includes list of additional publications by location.] \* Paper, \$4.00  
L.C. card 65-8527
- 12997 1177. Proceedings of a symposium, secondary impacts of public investment in natural resources, Sept. 25-27, 1968, sponsored by Natural Resource Economics Division, Economic Research Service [papers, with bibliographies]. [1970.] iv+88 p. 4° †  
L.C. card 79-608949

## PA [Program aid] (series). † • Item 14-A

A 1.68:(nos.)

- 12998 341. Teaching soil and water conservation, classroom and field guide; [by Albert R. Foster and Adrian C. Fox]. [Dec. 1957; slightly revised Aug. 1970.] [1970.] [2]+30 p. il. 4° (Soil Conservation Service.)  
L.C. card 71-608929
- 12999 476. Rural housing loans. [Slightly revised Sept. 1970.] [1970.] [6] p. il. narrow 8° (Farmer Home Administration.)
- 13000 557. Donated foods for disasters, guide for State and local officials. [Revised Aug. 1970.] [1970.] 5 p. il. oblong 24° (Food and Nutrition Service.)

## Picture story.

- 13001 228. Emergency food aid for Cella victims, Aug. 1970. [2] p. il. 4° (Food and Nutrition Service.) †  
A 1.100:228

## Production research reports. • Item 13-C

A 1.84:(nos.)

- 13002 114. Pathogens and chemicals tested against caterpillars on cabbage [with list of literature cited; by C. S. Creighton, T. L. McFadden, and J. V. Bell]. [July 1970.] [2]+10 p. il. 4° (Agricultural Research Service.) [Prepared in cooperation with South Carolina Agricultural Experiment Station.] \* Paper, 15c.
- 13003 115. Englemann spruce regeneration practices in Rocky Mountains [with list of literature cited; by] Arthur L. Roe, Robert R. Alexander, [and] Milton D. Andrews. [1970.] [2]+iv+32 p. il. (Forest Service.) \* Paper, 20c.
- 13004 Remarks of Assistant Secretary Clarence D. Palmby at joint meeting of Leaf Tobacco Exporters Association and Tobacco Association of United States, at Greenbriar, White Sulphur Springs, W. Va., June 22, 1970. [1970.] 7 p. 4° (7695; USDA 1892-70.) †  
A 1.40:P 18/4
- 13005 Report of Secretary of Agriculture, 1969. [May 1970.] cover title, [2] leaves+84 p. il. †  
L.C. card Agr 31-1035

A 1.1:969

## Statistical bulletins. • Item 15

A 1.34:(nos.)

- 13006 233. Changes in farm production and efficiency, summary report, 1970; [prepared in Farm Production Economics Division, Economics Research Service]. [Revised June 1970.] [1970.] iv+17+[1] p. 4° \* Paper, 20c.  
L.C. card 56-2507
- 13007 455. Wool statistics and related data, 1930-69; [compiled by Mildred V. Jones]. June 1970. cover title, iv+294 p. 4° ([Economic and Statistical Analysis Division], Economic Research Division.) [This publication will serve as statistical supplement to Wool situation.] \* Paper, \$2.25.  
L.C. card 76-608952

## Technical bulletin.

- 13008 1421. Sector income and employment multipliers, their interactions on national economy [with list of literature cited; by Robert H. Elrod and Preston E. LaForney]. [July 1970.] vi+31 p. il. (Economic Research Service.) \* Paper, 20c. • Item 16  
L.C. card 70-608653

A 1.36:1421

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1970

**AIR FORCE ACADEMY, Colo. Defense Dept.  
United States Air Force Academy, CO 80840**

Harmon memorial lectures in military history.

- 13009 11. War of ideas: United States 1870-90; [by] Elting E. Morison. 1969.  
[5]+15 p. il. † (Available to colleges, universities, and libraries).  
L.C. card 78-608867 D 305.10 : 11

**AIR FORCE DEPARTMENT, Defense Dept.  
Washington, DC 20330**

- 13010 Aerospace sciences review, no. 70-2. Aug. 1970. 16 p. il. 4° (AWS recurring publication 105-2.) [Prepared for Air Weather Service by USAF Environmental Technical Applications Center.] ‡ D 301.42/2: 70-2

**Air Force Human Resources Laboratory: [Technical reports] AFHRL-TR (series). (Personnel Research Division, Air Force Systems Command, Lackland Air Force Base, Tex.) ‡ D 301.45/27: (nos.)**

- 13011 70-9. Proficiency differences of pilot and navigator F-4 second-seat crewmembers, southeast Asia evaluation [with list of references]; by C. Wayne Shore [and others]. Apr. 1970. xiii+19+ [2] p. 4° ([Project 6323, task 632305.])  
13012 70-15. Demographic differences in aptitude test performance [with list of references]; by Nancy Guinn, Ernest C. Tupes, William E. Alley. May 1970. viii+23+ [2] p. il. 4° ([Project 7719, task 771902.]) [Brooks Air Force Base, Tex. appears on cover in error.]  
13013 70-18. 1969 updating of data file for AFROTC management control system [with list of references]; by Ernest C. Tupes [and] Howard L. Madden. June 1970. vii+18+ [2] p. 4° ([Project 7719, task 771908.])  
13014 70-21. Development and standardization of Air Force office qualifying test form K [with list of references]; by Robert E. Miller, June 1970. vii+9+ [2] p. 4° ([Project 7717, task 771706.]) [Brooks Air Force Base appears on cover.]

**Air Force manual AFM (series). ‡ ● Item 421 D 301.7: (nos.)**

- 13015 78-20. See Defense Department, Defense Supply Agency handbook DSAH 4215.17.  
13016 78-25. See Defense Department, Defense Supply Agency handbook DSAH 4215.18.  
13017 88-12. chap. 2. See Army Department technical manual 5-848-2.  
13018 160-37. Medical planning for disaster preparedness, medical service. Sept. 4, 1970. [106] p. 4° [Issued with perforations. Supersedes AFM 160-37, July 1, 1962.]  
13019 162-2. Dental services: Dental technicians manual. Apr. 1, 1970, cover title, [359] p. il. 4° [Issued with perforations. Supersedes AFM 160-3, Mar. 1, 1958. Some illustrations are colored.]

**Air Force pamphlet AFP (series).**

- 13020 211-12. See Army Department, pamphlet 608-27.  
13021 216-3. See Information for Armed Forces, Offices of, Pocket guide to Japan.

**Air Weather Service: Technical reports. ‡ D 301.40: (nos.)**

- 13022 195. Variability of monthly mean zonal wind, 30-60 km [with list of references and bibliography]; by Lloyd V. Mitchell. Apr. 1970. cover title, v+80 p. il. 4° [Issued with perforations.]  
13023 215. Mean cloudiness and gradient-level charts over tropics, v. 2. Charts: A. Monthly resultant gradient-level-wind, by Gary D. Atkinson; B. Average monthly cloudiness, by James C. Sadler. Aug. 1970. cover title, 48 charts, oblong f° [Text on p. 3 of cover. Published by Air Weather Service (MAC). Charts are colored.]  
13024 226. Introduction to jet-engine exhaust and trailing vortex wakes [with list of references and bibliography]; by Dale N. Jones. Apr. 1970. cover title, iii+30 p. il. 4° [Issued with perforations.]

- 13025 All the way from the ground up. [1970.] cover title, 14 p. il. 4° [Illustrations are colored.] † ● Item 424 D 301.2: A15

**PACAF [Pacific Air Forces] basic bibliographies for base libraries.  
† Commander-in-Chief, Pacific Air Forces, ATTN: DPSR, Command Librarian, APO San Francisco 96553.**

- 13026 Architecture, building and engineering; prepared by Deloris Lawrence. Mar. 15, 1970. [1]+iv+93 p. 4° [Supersedes basic bibliography, dated Mar. 1, 1967 and supplement May 1, 1968.]  
L.C. card 58-61780 D 301.62: Ar 2/970

♣For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 5

## GOVERNMENT PUBLICATIONS

### PACAF[Pacific Air Forces]basic bibliographies—Continued

- 13027 Communications and electronics; prepared by Harry W. McAnallen. Mar. 15, [1969]. [1]+iv+111 p. 4° [Supersedes basic bibliography, July 1, 1964, supplement 1, Jan. 15, 1966, and supplement 2, Oct. 20, 1967.] D 301.62: C 73/969  
L.C. card 58-61785
- 13028 Korea; prepared by Constance R. Johnson. Mar. 15, 1970. [1]+iv+55 p. 4° [Supersedes basic bibliography, Sept. 1, 1966 and supplement 1, Feb. 15, 1968.] D 301.62: K 84  
L.C. card 72-607035
- 13029 Personnel management; prepared by Mary Louise Sauer. Mar. 1, 1970. [1]+vi+71 p. 4° [Supersedes basic bibliography, May 15, 1968.] D 301.62: P 43/970  
L.C. card 58-61777

### AIR TRAFFIC SERVICE, Transportation Dept. Washington, DC 20553

- 13030 Contractions handbook, Change 3. [July 1, 1970.] [63] p. 4° (7340.1B CHG 3.) [Issued in looseleaf form. Effective Nov. 1, 1970. Cancellation date May 1, 1971.] \* Paper, \$3.75 (including basic handbook and supplementary material for an indefinite period); \$1.00 additional for foreign mailing. ● Item 431-D-1 TD 4.308: C 76/969/ch.3
- 13031 En route air traffic control handbook, Change 4. [June 11, 1970.] [88] p. il. 4° (7110.9A.) [Effective date Oct. 1, 1970. Cancellation date, Mar. 1, 1971. Issued in looseleaf form.] † ● Item 431-D-1 TD 4.308: Enl/970/ch.4
- 13032 Facility management handbook, Change 5. [June 10, 1970.] [66] p. il. 4° (7210.3.) [Effective date Oct. 1, 1970. Cancellation date Nov. 1, 1970. Cancels notice N 7110.7, May 5, 1970. Issued in looseleaf form.] † ● Item 431-D-1 TD 4.308: F 11/ch.5
- 13033 Flight services handbook, Change 7. [June 16, 1970.] [150] p. 4° (7110.0.) [Effective Oct. 1, 1970. Cancellation date Jan. 1, 1971. Cancels notices N 7110.156 (GENOT 0/90 Apr. 030344Z) and N 7110.157, Apr. 2, 1970. [Issued in looseleaf form.] \* Paper, \$9.00 (including basic handbook and supplementary material for an indefinite period); \$2.50 additional for foreign mailing ● Item 431-D-1 TD 4.308: F64/ch.7

### APPRENTICESHIP AND TRAINING BUREAU, Labor Dept. Washington, DC 20210

- Trade and industry publications. † ● Item 748-A L 23.16: (nos.)
- 13034 2. Apprenticeship schedules covering industrial plant and equipment maintenance trades. 1970 edition. [1970.] cover title, [5]+206 p.
- 13035 5. Apprenticeship schedules covering metal working trades. 1970 edition. [1970.] cover title, [5]+167 p. 4°

### ARMY DEPARTMENT, Defense Dept. Washington, DC 20310

#### AMC pamphlets. (Army Materiel Command.) † ● Item 322-A

D 101.22/3: (nos.)

- 13036 335-1. Reports, register of approved recurring reports. July 1970, cover title, viii+142 p. 4° [Issued with perforations. Supersedes AMC 335-1, Feb. 28, 1970.] L.C. card 67-60397
- 13037 706-134. Engineering design handbook: Maintainability guide for design [with bibliographies]. July 1970, cover title, [451] p. il. 4° [Issued with perforations. Supersedes AMCP 706-134, Aug. 28, 1967.] L.C. card 70-608886

#### Army Electronics Command, Atmospheric Sciences Laboratory, White Sands Missile Range, N. Mex. :ECOM (series). † D 111.9/4: (nos.)

- 13038 5286. Wind-weighting technique to predict velocity vector azimuth angles for unguided rockets [with list of references]: by Gordon L. Dunaway. Dec. 1969. v+12+[2] p. il. 4° (DA task 1T665702D127-02; report control symbol OSD-1366.)
- 13039 5287. Evaluation of inflatable falling sphere density data [with list of references]: by Robert Olsen. Dec. 1969. v+21+[2] p. il. 4° (DA project 1-T061101A91A; reports control symbol OSD-1366.)

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

# OCTOBER 1970

- 13040 Communications and Electronics Division [who we are and what we do]. [1970.] [10] p. il. (US Army Foreign Science and Technology Center.) ‡  
● Item 325 D 101.2: C 73/4

Natick Laboratories, Natick, Mass.: Technical reports. ([Army Materiel Command.]) ‡ D 106.21: (nos.)

- 13041 68-60-GP. Use of infrared radiometric microscope in nondestructive determination of flexible package seal defects [with list of literature cited]; by Rauno A. Lampi, Frank Fiori and Kwok H. Hu, May 1968, vi+28 +4+[2] p. il. 4° (General Equipment and Packaging Laboratory; project reference 1J624101D552.)
- 13042 69-73-ES. Physical geography and military environment in transect of Utah and Colorado Rockies [with bibliography]; by Will F. Thompson, May 1969, viii+166+17+[2] p. il. 4° (Earth Sciences Laboratory ES-46; project references 1T062112A129.)
- 13043 69-76-GP. Sealing through contaminated pouch surfaces [with list of literature cited]; by Gerald L. Schulz and Raymond T. Mansur, May 1969, vi+20+5+[2] p. il. 4° (General Equipment and Packaging Laboratory; project reference 1J662708D552.)
- 13044 69-79-PR. Evaluation of Army aircrew protective armor in Vietnam by John M. McGinnis, Richard L. Burse and Edward R. Barron, June 1969, vi+51+5+[2] p. il. 4° (Pioneering Research Laboratory, EPT-9; project reference 1C024701A121-02.)
- 13045 70-43-FL. Freeze-drying of food for Armed Services [with selected bibliography]; by J. M. Tuomy, Feb. 1970, vi+42+[6] p. il. 4° (Food Laboratory, FL-107; project reference 1J6-62708D553.)
- 13046 70-58-FL. Controlled atmosphere system laboratory studies on tomatoes [with list of references]; by Harold Gortien [and others], Feb. 1970, vi+16 +6+[2] p. 4° (Food Laboratory FL-108; project reference PE 2270.3.)
- 13047 70-64-FL. Response of cooked freeze-dried combination meat items to oxygen [with list of references; by] J. M. Tuomy, L. C. Hinnergard and R. L. Helmer, May 1970, vi+29+[6] p. 4° (Food Laboratory FL-110; project reference 1J662708D553.)

Pamphlets. ● Item 327 (Rev. 1969) D 101.22: (nos.)

- 13048 1-52. Techniques of work simplification, Dec. 14, 1967, Change 1, June 12, 1970, 1 p. 4° ‡
- 13049 27-2. Analysis of content, Manual for courts-martial, United States 1969, revised edition, July 1970, cover title, [262] p. 4° [Issued with perforations.] ‡
- 13050 350-33-4. Operator training course: Electronics and communications, radio receiving set AN/PRT-9 and transmitting set AN/PRT-1, June 1970, cover title, [72] p. 4° [Issued with perforations.] ‡
- 13051 360-418. See, below, Information for Armed Forces, Office of, Pocket guide to Japan.
- 13052 550-39. Area handbook for Indonesia [with bibliographies; by John W. Henderson [and others]. [Research and writing were completed on June 1, 1969.] Mar. 1970, xviii+569 p. il. [Prepared by Foreign Area Studies, American University.] \* Cloth, \$4.00. L.C. card 73-608279
- 13053 550-78. Area handbook for Guatemala [with bibliography; by] John Dombrowski [and others], Mar. 1970, xiv+361 p. il. [Prepared by Foreign Area Studies (FAS), American University. Research and writing completed Dec. 28, 1968.] \* Cloth, \$3.25. L.C. card 79-607286

Technical bulletin TB (series).

- 13054 385-2. Nuclear weapons firefighting procedures; July 3, 1969. [1969.] 14 p. 4° [Includes list of related publications. Issued with perforations. Supercedes TB 385-2, June 6, 1966, and Change 1, Nov. 20, 1968.] \* Paper, 15c. D 101.25: 385-2/2

Technical manual TM (series). ‡ ● Item 329 D 101.11: (nos.)

- 13055 5-742. Concrete and masonry [with list of references], June 1970, cover title, [203] p. il. 4° [Issued with perforations. Contains copyright material reproduced by permission of Portland Cement Association.] L.C. card 77-608951
- 13056 5-820-4. Drainage and erosion control: Drainage for areas other than airfields, July 1965 [with list of references], [1970.] cover title, [151] p. il. 4° (War Office.) [Reprint which includes current pages from Changes 1 and 2. Formerly EM 1110-345-284, Aug. 14, 1964, redesignated TM 5-820-4 by DA Cir 310-28, May 17, 1965. Rescinds Engineering manual for military construction, pt. 13, chap. 4 (EM 1110-345-284) July 1964. Issued with perforations.]
- 13057 5-848-2. Storage, distribution, and dispensing of aircraft and automotive fuels, June 29, 1970. [1970.] 99 p. il. 4° ([Air Force Dept.] AFM 88-12, Chap. 2.) [Issued with perforations. Supercedes TM 5-848-2 (formerly designated Corps of Engineers manual EM 1110-345-332, July 28, 1960); and AFM 88-12, Chap. 2, July 28, 1960, with Change 1.]

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 7

## GOVERNMENT PUBLICATIONS

### Technical manual TM (series)—Continued

- 13058 10-500-35. Airdrop of supplies and equipment : rigging 5-KW generator set with portable floodlight set [with list of references Mar. 1966, [reprinted 1970], cover title, 13+1] p. il. 4° (Air Force Dept.; Technical order TO 13C7-40-11.) [Includes current pages from Changes 1-3. Issued in looseleaf form.]

### Technical research reports. (Behavioral Science Research Laboratory.)

D 101.60/2: (nos.)

- 13059 1159. Development of improved aptitude area composites for enlisted classification [with list of literature cited; by] Milton H. Maier and Edmund F. Fuchs, Sept. 1969. [8]+46 p. il. 4° (Military Selection Research Division, Army project 2Q062106A722, Differential classification b-00.)  $\Phi$  Paper, \$3.00 (AD-701134).
- 13060 1160. Summary of BESRL [Behavioral Science Research Laboratory] surveillance research [with list of literature cited; by] A. H. Birnbaum [and others.] Sept. 1969. [8]+56 p. il. 4° (Support Systems Research Division; Army project 20662704A721, 20662704A732, Surveillance systems.)  $\Phi$  Paper, \$3.00 (AD 701907).
- 13061 U.S. Army register: v. 4, Officers' honorary retired list, Jan. 1, 1970. [2]+8 p. [Also issued as H. doc. 250, pt. 4, 91st Cong., 2d sess.] \* Paper, 10c.  $\bullet$  Item 332  
L.C. card 4-18250  
D 102.9: 970/v.4
- 13062 Where the leaders are . . . [May 1970.] [20] p. il. narrow 8° ([RPI 699-B.])  $\dagger$   $\bullet$  Item 325  
D 101.2: L 46/970

### ARMY MEDICAL DEPARTMENT, Defense Dept. Washington, DC 20310

NOTE.—The name of the Army Medical Service was changed to Army Medical Department by PL 90-329, approved June 4, 1968.

- 13063 U.S. Army Medical Research and Development Command, medical research support, Jan. 1970, cover title, 14 p. narrow 8°  $\dagger$   $\bullet$  Item 351-A  
D 104.2: M 46/3/970

### ATOMIC ENERGY COMMISSION Washington, DC 20545

- 13064 AEC news release index, Jan.-June 1970; prepared by Theodore F. Davis, July 1970. [3]+8 p. 4° (Division of Technical Information Extension.)  $\dagger$  U.S. Atomic Energy Commission, Division of Public Information, Washington, DC 20545  
L.C. card 59-62302  
Y 3.A17: 44 N 47/970

### AEC research and development reports Y 3.A17: 22/(letters-nos.)

- 13065 BNL 50218 (T-560). Concrete-polymer materials, 2d topical report [with list of references; by] M. Steinburg [and others], Dec. 1969. vii+73 p. il. 4° [Prepared by Radiation Division, Department of Applied Science, Brookhaven National Laboratory, Associated Universities, Inc., Upton, N.Y., and Division of Research, Bureau of Reclamation, Denver, Colo., for Division of Isotopes Development, Atomic Energy Commission, Bureau of Reclamation, Department of Interior, and Office of Saline Water, Department of Interior.]  $\Phi$  Paper, \$3.00.
- 13066 CONF-680529. Myeloproliferative disorders in man and animals. [proceedings of 8th annual Hanford Biology Symposium, Richland, Wash., May 20-23, 1968, papers with lists of references; edited by W. J. Clarke, E. B. Howard and P. L. Hackett]. [June 1970.] cover title, xi+165 p. il. 13 p. of pl. 4° (AEC symposium series 19; Division of Technical Information.) [Sponsored jointly by Battelle Memorial Institute, Pacific Northwest Laboratory. Plates are colored.]  $\Phi$  Paper, \$3.00.
- 13067 CONF-691101. 2d International Conference on Accelerator Dosimetry and Experience, held at Stanford Linear Accelerator Center, Stanford, Calif., Nov. 5-7, 1969 [with lists of references]. [1970.] cover title, x+872 p. il. 4° [Co-sponsored by Operational Safety Division, AEC, and Stanford Linear Accelerator Center.]  $\Phi$  Paper, \$3.00.

\*For Sale by Superintendent of Documents

$\dagger$ Distribution Made by Issuing Office

$\dagger$ Official Use. Not Available

# OCTOBER 1970

- 13068 CONF-691212. Medical radionuclides: Radiation dose and effects, [proceedings of symposium held at Oak Ridge Associated Universities, Dec. 8-11, 1969, papers with bibliographies; Roger J. Cloutier and others, editors]. [June 1970] cover title, ix+528 p. il. (AEC symposium series 29; Division of Technical Information.) [Symposium sponsored by U.S. Public Health Service, Environmental Health Service, Bureau of Radiological Health and Division of Biology and Medicine, U.S. Atomic Energy Commission.]  $\Phi$  Paper, \$3.00.
- 13069 CONF-700101. Symposium on engineering with nuclear explosives, Jan. 14-16, 1970, Las Vegas, Nev., proceedings [papers, with bibliographies]. [May 1970.] cover title 2 v., [xvii]+1785 p. il. 4 $\Phi$  [Symposium sponsored in cooperation with American Nuclear Society.]  $\Phi$  Paper, \$6.00 per 2 v. set.
- 13070 CONF-700207. Southern Governors Conference on transportation of nuclear spent fuel [proceedings], presented by Southern Interstate Nuclear Board, Atlanta, Ga., Feb. 5-6, 1970. [1970.] cover title, iv+167 p. il. 4 $\Phi$  [Addendum, 8 p. il. 4 $\Phi$ , was issued also.]  $\Phi$  Paper, \$3.00.
- 13071 HASL-227. Health and Safety Laboratory fallout program, quarterly summary report [Mar. 1-June 1, 1970; prepared by Edward P. Hardy, Jr.], July 1, 1970. cover title, [195] p. il. 4 $\Phi$  [Includes list of recent publications related to radionuclide studies.]  $\Phi$  Paper, \$3.00.
- 13072 HASL-227. Health and Safety Laboratory fallout program, quarterly summary report, [Mar. 1-June 1, 1970] appendix, July 1, 1970. cover title, [401] p. il. 4 $\Phi$   $\Phi$  Paper, \$3.00.
- 13073 HASL-228. Calculation of dose and dose-equivalent rates to man in atmosphere from galactic cosmic-rays [with list of references; by Keran O'Brien and James E. McLaughlin]. May 1970. cover title, [6]+22 p. il. 4 $\Phi$  (Health and Safety Laboratory, New York Operations Office (AEC), New York, N.Y.)  $\Phi$  Paper, \$3.00.
- 13074 IS-2058. Bibliography of mass spectroscopy literature for last half of 1967, compiled by computer method; [J. Capellen and others, compilers]. June 1970. cover title, xvii+458 p. 4 $\Phi$  (Ames Laboratory, Ames, Iowa; [contract W-7405-eng-82].)  $\Phi$  Paper, \$3.00.
- 13075 NBL-252. Titrimetric determination of uranium in product, fuel, and scrap materials after ferrous ion reduction in phosphoric acid: pt. 1, Manual titration, [by A. R. Eberle and others]; pt. 2, Automatic titration, [by C. G. Goldbeck, M. W. Lerner, and C. J. Rodden], July 1970. cover title, iii+40 p. il. 4 $\Phi$  (New Brunswick Laboratory, (AEC) New Brunswick, N.J.)  $\Phi$  Paper, \$3.00.
- 13076 ORAU-109. Theory of quantitative radiation-response time-data [with list of references]; by Per-Erik E. Bergner, Oct. 1969. cover title, [2]+25 p. il. 4 $\Phi$  (Medical Division, Oak Ridge Associated Universities, Inc., Oak Ridge, Tenn.)  $\Phi$  Paper, \$3.00.
- 13077 PNE-330. Plowshare, civil, industrial, and scientific uses for nuclear explosives: [Project] Buggy, Special cloud content studies [with list of references; by Jerry J. Cohen]. July 10, 1970. cover title, iii+20 p. il. 4 $\Phi$  ([Lawrence Radiation Laboratory], University of California, Livermore, Calif.)  $\Phi$  Paper, \$3.00.
- 13078 PNE-522. Plowshare, civil, industrial and scientific uses for nuclear explosives: Project Schooner, contribution to analysis of seismic data from cratering and contained events, final report, [with list of references; by W. W. Hays, R. A. Mueller, C. T. Spiker, Jr.], June 30, 1970. cover title, [111] p. il. 4 $\Phi$  (Environmental Research Corporation, Alexandria, Va.; [contract AT(29-2)-1163.]  $\Phi$  Paper, \$3.00.
- 13079 PNE-908F. Plowshare, civil, industrial, and scientific uses for nuclear explosives: Palanquin, scientific photography, final report; [by D. Wilson and R. W. Brower]. July 17, 1970. cover title, 51 p. il. 4 $\Phi$  (EG & G Inc.; [Contract AT(29-1)-1183.]  $\Phi$  Paper, \$3.00.
- 13080 PNE-010F. Plowshare, civil, industrial, and scientific uses for nuclear explosives: Palanquin, off-site surveillance, final report [with list of references; by Environmental Surveillance, Southwestern Radiological Health Laboratory, Public Health Service, Health, Education, and Welfare Dept.], June 26, 1970. cover title, [2]+iv+128 p. il. 4 $\Phi$  (Plowshare Program. [Memorandum of understanding SF 54 373.]  $\Phi$  Paper, \$3.00.

$\Phi$ For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151

•Sent to Depository Libraries

Page 9

## GOVERNMENT PUBLICATIONS

- AEC research and development reports—Continued**
- 13081 PNE-911F. Plowshare, civil, industrial, and scientific uses for nuclear explosives; Palanquin, on-site radiological safety report, final report; [compiled by Omer W. Mullen] July 17, 1970. cover title, vii+44 p. il. 4° (Plowshare Program. Reynolds Electrical & Engineering Co., Inc.; [contract AT(29-2)-162].) ♦ Paper, \$3.00.
- 13082 PNE-964. Carbriolet, measurements of subsurface and close-in surface dynamic effects [with list of references; R. E. Marks], June 30, 1970. cover title, iii+42 p. il. 4° (Plowshare, civil, industrial and scientific uses for nuclear explosives; Lawrence Radiation Laboratory, University of California, Livermore, Calif.) ♦ Paper, \$3.00.
- 13083 RME-4110. Selected bibliography on radio-active occurrences in United States; [by J. Victoria Krusiewski]. May 1970. cover title, 136 p. il. 4° (Division of Raw Materials.) ♦ Paper, \$3.00.
- 13084 TID-3525. (rev. 5/supp.5) Reactor safety, literature search; [compiled by Henry D. Raleigh]. [June 1970.] cover title, vi+32+53 p. 4° (Division of Technical Information Extension, AEC, Oak Ridge, Tenn.) ♦ Paper, \$3.00.
- 13085 UCRL-13451. Plowshare, civil industrial and scientific uses for nuclear explosives; Buggy, lidar observations of debris clouds from nuclear cratering detonations [with list of references; by T. H. Collis and John W. Obianas], June 30, 1970. cover title, x+80 p. il. 4° (Lawrence Radiation Laboratory, University of California, Livermore, Calif.; [contract AT(04-3)-115, project agreement 75].) ♦ Paper, \$3.00.
- 13086 WASH-1158. Metallurgy and materials programs, FY 1970. [Aug. 1970.] cover title, [1]+ii+62+A21+[2] p. 4° (Division of Research.) † ● Item 1051-C
- 13087 Role of public in development and regulations of nuclear power, remarks with list of references by James T. Ramey, Commissioner, Atomic Energy Commission, at Conference on Nuclear Power and Environment, University of Wisconsin, Madison, Wis., Apr. 4, 1970. Apr. 8, 1970. [1]+26 leaves 4° (S-12-70.) † Y 3.A7: 34 R 14/27 ft

### AVIATION MEDICINE OFFICE, Transportation Dept. Washington, DC 20553

- [Aviation medical report] AM (series). TD 4.210:(nos.)
- 13088 60-24. Fidelity of simulation and transfer of training, review of problem [with list of references; by Siegfried J. Gerathwohl. Dec. 1969. [4]+18 + [1] p. il. 4° ♦ Paper, \$3.00.
- 13089 70-7. Pilot heart rate during in-flight simulated instrument approaches in general aviation aircraft [with list of references; by] A. Howard Hasbrook [and] Paul G. Rasmussen. Apr. 1970. [4]+10+[2] p. il. 4° ♦ Paper, \$3.00.

### BONNEVILLE POWER ADMINISTRATION, Interior Dept. Portland, OR 97208

- 13090 1969 annual report, Federal Columbia River Power System. [Dec. 31, 1969.] [2]+70 p. il. 4° [Colored illustrations on p. 1-4 of cover.] † I 44.1: 969  
L.C. card 46-26148

### BUDGET BUREAU, Executive Office of the President Washington, DC 20503

- 13091 Standardized Government travel regulations, revised, effective Mar. 1, 1965. [n.d.] vi+42 p. oblong 48° \* Paper, 20c.  
L.C. card 30-25224 PrEx 2.6: T 69/965

### BUSINESS AND DEFENSE SERVICES ADMINISTRATION, Commerce Dept., Washington, DC 20230

- 13092 Economy at midyear 1970, with industry projections for 1971. [1970.] x+54 p. il. 4° [Prepared in cooperation with Office of Assistant Secretary of Commerce for Economic Affairs.] \* Paper, 60c. ● Item 215  
L.C. card 78-608875 C 41.2: Ec 7/970

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

# OCTOBER 1970

- 13093 Foreign free world producers of aluminum wire and cable. [Apr. 1970.] 20 p. 4° † Paper, 15c. C 41.2: A1 8/6
- 13094 United States lumber imports, 1969. July 1970. 7 p. 4° † Paper, 25c. Commerce Department, Sales and Distribution Branch, Washington, DC 20230 L.C. card 64-65576 C 41.101/2: 969

## CABINET COMMITTEE ON OPPORTUNITY FOR THE SPANISH SPEAKING, 1800 G St., N.W., Washington, DC 20506

NOTE.—The Cabinet Committee on Opportunity for the Spanish Speaking was established by Pub. law 91-181, approved Dec. 30, 1969.

- 13095 Directory of Spanish speaking organizations in United States; July 1970. [1970.] x+[3]+224+[4] p. 4° [Title on cover is: Directory of Spanish speaking community organizations.] † ● Item 1067-K Y 3.Sp 2/7: 2 D 62 L.C. card 77-608446

## CENSUS BUREAU, Commerce Dept. Suitland, MD 20233

- 13096 Bureau of Census, fact finder for nation; [prepared in Statistical Information Division]. [1970 edition.] Apr. 1970. [6]+62 p. il. 4° [Text on p. 2-4 of cover.] \* Paper, \$1.25 ● Item 146 C 3.2: C 33/13/970 L.C. card 79-606270
- 13097 Census Bureau methodological research, 1969, annotated list of papers and reports; [prepared by Deane Harris]. Aug. 1970. [4]+17 p. 4° ([History and Research Reports Branch, General Reports Division.]) \* Paper, 35c. ● Item 138 C 3.163/4: M 56/969 L.C. card 75-602088
- 13098 1970 census information available for redistricting. [July 1970.] cover title, 20 p. 4° [Text on p. 2 of cover. Earlier version published as House report 91-1024 91st Congress, 2d session.] † L.C. card 70-607884 C 3.2: R 24

## 1967 census of business: Retail trade, merchandise line sales BC67-MLS (series). ([Business Division.]) C 3.202/19: 967/(nos.)

- 13099 6. California. Sept. 1970. v+181 p. il. 4° \* Paper, \$1.50. ● Item 132-A-6
- 13100 7. Colorado. Aug. 1970. v+74 p. il. 4° \* Paper, 65c. ● Item 132-A-7
- 13101 8. Connecticut. Sept. 1970. v+118 p. il. 4° \* Paper, \$1.00. ● Item 132-A-8
- 13102 9. Delaware. Aug. 1970. v+51 p. il. 4° \* Paper, 60c. ● Item 32-A-9
- 13103 10. District of Columbia. Aug. 1970. v+49 p. il. 4° \* Paper, 60c. ● Item 132-A-10
- 13104 17. Iowa. [Aug. 1970.] cover title, v+85 p. il. 4° \* Paper, 70c. ● Item 132-A-18
- 13105 21. Maine. Aug. 1970. v+63 p. il. 4° \* Paper, 65c. ● Item 132-A-22
- 13106 22. Maryland. Aug. 1970. v+60 p. il. 4° \* Paper, 65c. ● Item 132-A-23
- 13107 23. Massachusetts. Aug. 1970. v+115 p. il. 4° \* Paper, \$1.00. ● Item 132-A-24
- 13108 24. Michigan. July 1970. v+124 p. il. 4° \* Paper, \$1.25. ● Item 132-A-25
- 13109 25. Minnesota. Aug. 1970. v+71 p. il. 4° \* Paper, 65c. ● Item 132-A-39
- 13110 26. Mississippi. Aug. 1970. v+65 p. il. 4° \* Paper, 65c. ● Item 132-A-27
- 13111 29. Nebraska. [Aug. 1970.] cover title, v+68 p. il. 4° \* Paper, 65c. ● Item 132-A-30
- 13112 30. Nevada. Aug. 1970. v+59 p. il. 4° \* Paper, 60c. ● Item 132-A-30
- 13113 31. New Hampshire. [Aug. 1970.] cover title, v+51 p. il. 4° \* Paper, 60c. ● Item 132-A-32
- 13114 36. North Dakota. Aug. 1970. v+51 p. il. 4° \* Paper, 60c. ● Item 132-A-37
- 13115 37. Ohio. Sept. 1970. v+169 p. il. 4° \* Paper, \$1.25. ● Item 132-A-38
- 13116 39. Oregon. Sept. 1970. v+74 p. il. 4° \* Paper, 65c. ● Item 132-A-40
- 13117 41. Rhode Island. Aug. 1970. v+53 p. il. 4° \* Paper, 60c. ● Item 132-A-41
- 13118 45. Texas. Sept. 1970. v+200 p. il. 4° \* Paper, \$1.50. ● Item 132-A-46
- 13119 46. Utah. Sept. 1970. v+66 p. il. 4° \* Paper, 65c. ● Item 132-A-47
- 13120 48. Virginia. Sept. 1970. v+87 p. il. 4° \* Paper, \$1.00. ● Item 132-A-50
- 13121 50. West Virginia. July 1970. v+70 p. il. 4° \* Paper, 65c. ● Item 132-A-52

## 1967 census of construction industries, industry statistics, CC 97-I (series). ([Construction Statistics Division.]) ● Item 133-D-2 C 3.245/3: CC 67-I/(nos.)

- 13122 2. General building contractors, SIC code 1511. July 1970. viii+16 p. 4° \* Paper, 35c.

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## 1967 census of construction industries—Continued

- 13123 4. Heavy construction, except highway and street construction, contractor, SIC code 1621. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13124 5. Plumbing, heating (except electric), and air conditioning special trade contractors, SIC code 1711. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13125 6. Painting, paper hanging, and decorating, special trade contractors, SIC code 1721. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13126 7. Electrical work, special trade contractors, SIC code 1731. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13127 8. Masonry, stone setting, and other stonework special trade contractors, SIC code 1741. June 1970. viii+16 p. 4° \* Paper, 35c.
- 13128 9. Plastering and lathing, special trade contractors, SIC code 1742. June 1970. viii+16 p. 4° \* Paper, 35c.
- 13129 10. Terrazzo, tile, marble, and mosaic work, special trade contractors, SIC code 1743. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13130 11. Carpentering, special trade contractors, SIC code 1751. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13131 12. Floor laying and other floor work, special trade contractors, N.E.C., SIC code 1752. Aug. 1970. viii+16 p. 4° \* Paper, 35c.
- 13132 13. Roofing and sheet metal work special trade contractors, SIC code 1761. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13133 14. Concrete work special trade contractors, SIC code 1771. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13134 15. Water well drilling, special trade contractors, SIC code 1781. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13135 16. Structural steel erection, special trade contractors, SIC code 1791. June 1970. viii+16 p. 4° \* Paper, 35c.
- 13136 17. Ornamental metal work, special trade contractors, SIC code 1792. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13137 18. Glass and glazing work special trade contractors, SIC code 1793. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13138 19. Excavating and foundation work, special trade contractors, SIC code 1794. July 1970. viii+15 p. 4° \* Paper, 35c.
- 13139 20. Wrecking and demolition work, special trade contractors, SIC code 1795. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13140 21. Installation or erection of building equipment, special trade contractors, SIC code 1796. Aug. 1970. viii+16 p. 4° \* Paper, 35c.
- 13141 22. Special trade contractors, not elsewhere classified, SIC code 1799. Aug. 1970. viii+16 p. 4° \* Paper, 35c.
- 13142 23. Subdividers and developers, except cemeteries, SIC code 6552. Aug. 1970. viii+16 p. 4° \* Paper, 35c.
- 13143 24. Operative builders, SIC code 6561. Aug. 1970. viii+16 p. 4° \* Paper, 35c.

## 1967 census of manufactures: [Industry series] MC 67(2). ([Industry Division.]) [Preprint from v. 2, Industry statistics.] ● Item 136 C 3.24/4: 967/(nos.)

- 13144 20B. Dairy products. Sept. 1970. vi+22+A4 p. 4° \* Paper, 45c.
- 13145 20C. Canned, cured, and frozen foods. Aug. 1970. cover title, vi+39+A4 p. 4° \* Paper, 50c.
- 13146 20F. Sugar and confectionery products; [prepared by H. W. Sedgewick, assisted by Carole A. Klein]. Aug. 1970. vi+25+A4 p. 4° \* Paper, 40c.
- 13147 20I. Miscellaneous foods and kindred products. Aug. 1970. vi+23+A4 p. 4° \* Paper, 40c.
- 13148 22D. Floor covering mills. July 1970. vi+14+A4 p. 4° \* Paper, 40c.
- 13149 27C. Greeting cards, bookbinding, printing trade services. Aug. 1970. vi+22+A4 p. 4° \* Paper, 40c.
- 13150 28E. Paints and allied products; gum and wood chemicals. Aug. 1970. vi+17+A4 p. 4° \* Paper, 40c.
- 13151 32C. Pottery and related products. Aug. 1970. vi+17+A4 p. 4° \* Paper, 40c.
- 13152 35G. Service industry machines and machine shops. Aug. 1970. vi+42+[4] p. 4° \* Paper, 55c.

## 1967 census of manufactures: Special report MC67(S) (series). ([Industry Division.]) [Preprint of corresponding chapter of v. 1, Summary and subject statistics.] ● Item 135 C 3.24/15: 967/(nos.)

- 13153 1. Manufacturing activity in Government establishments. Aug. 1970. [1]+11 p. 4° \* Paper, 25c.
- 13154 2.1. Concentration ratios in manufacturing pt. 1. Aug. 1970. [3]+40 p. ll. 4° \* Paper, 50c.

## 1967 census of transportation: Commodity transportation survey, [commodity groups] TC 67-C3 (series). ([Transportation Division.]) ● Item 160-D C 3.23/3: TC 67-C3-(nos.)

- 13155 3. Printing, publishing and allied industries (except newspapers and periodicals). Aug. 1970. [4]+16 p. ll. 4° \* Paper, 30c.
- 13156 4. Traffic patterns of small manufacturing plants. [1970.] [4]+37 p. ll. 4° \* Paper, 50c.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

## Construction report: Residential alterations and repairs, C50 (series).

- 13157 69A. Expenditures on residential additions, alterations, maintenance and repairs, and replacements, 1969 annual report: pt. 1. All residential properties. Aug. 1970. 31 p. 4° [Issued with perforations.] † Paper, 50c. ● Item 140-A (Rev.) C 3.215/8: 69 A/pt.1

## County business patterns, 1969, CBP (series). ([Business Division.]) [Prepared with assistance of Social Security Administration.] ● Item 133-A

L.C. card 49-45747

C 3.204: (nos.)

- 13158 69-3. Alaska. [July 1970.] cover title, ix+15 p. ll. 4° \* Paper, 40c.  
13159 69-10. District of Columbia. [July 1970.] cover title, ix+14 p. ll. 4° \* Paper, 40c.  
13160 69-11. Florida. [July 1970.] cover title, ix+114 p. ll. 4° \* Paper, \$1.25.  
13161 69-15. Illinois. [July 1970.] cover title, ix+158 p. ll. 4° \* Paper, \$1.50.  
13162 69-18. Kansas. July 1970. cover title, ix+81 p. ll. 4° \* Paper, \$1.00.  
13163 69-24. Michigan. [June 1970.] cover title, ix+135 p. ll. 4° \* Paper, \$1.25.  
13164 69-26. Mississippi. [July 1970.] cover title, ix+76 p. ll. 4° \* Paper, \$1.00.  
13165 69-27. Missouri. [July 1970.] cover title, ix+115 p. ll. 4° \* Paper, \$1.25.  
13166 69-32. New Jersey. [July 1970.] cover title, ix+113 p. ll. 4° \* Paper, \$1.25.  
13167 69-34. New York. [July 1970.] cover title, ix+192 p. ll. 4° \* Paper, \$1.75.  
13168 69-37. Ohio. [July 1970.] cover title, ix+184 p. ll. 4° \* Paper, \$1.75.  
13169 69-40. Pennsylvania. [July 1970.] cover title, ix+191 p. ll. 4° \* Paper, \$1.75.  
13170 69-45. Texas. [July 1970.] cover title, ix+230 p. ll. 4° \* Paper, \$2.00.  
13171 69-48. Virginia. [July 1970.] cover title, ix+129 p. ll. 4° \* Paper, \$1.25.  
13172 69-50. West Virginia. [June 1970.] cover title, ix+60 p. ll. 4° \* Paper, 70c.  
13173 69-51. Wisconsin. [July 1970.] cover title, ix+110 p. ll. 4° \* Paper, \$1.25.  
13174 69-53. Puerto Rico, American Samoa, Guam, Virgin Islands. July 1970. cover title, xi+73 p. ll. 4° \* Paper, \$1.00.

## Current population reports: Series P-25, Population estimates and projections. \* Paper, \$14.00 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$3.50 additional for foreign mailing; single copy prices vary. ● Item 142-C

C 3.186: P-25/(nos.)

- 13175 448. Projections of population of United States, by age and sex (interim revisions), 1970-2020: [prepared by Richard Irwin and Signe Wetrogan]. Aug. 6, 1970. cover title, i+50 p. 4° [Illustration on cover. Issued with perforations. National population projections given in this report supersede those published in Current population reports, series P-25, no. 381.] \* Paper, 50c.

## Current population reports: Series P-60, Consumer income. \* Paper, \$14.00 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$3.50 additional for foreign mailing; single copy prices vary. ● Item 142-C C 3.186: P-60/(nos.)

- 13176 72. Household income in 1969 and selected social and economic characteristics of households. Aug. 14, 1970. 19 p. 4° \* Paper, 20c.

## Current population reports: Series P-65, Consumer buying indicators. \* Paper, \$14.00 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$3.50 additional for foreign mailing; single copy prices vary. ● Item 142-C C 3.186: P-65/(nos.)

- 13177 32. Recent purchases of cars, houses, and other durables and expectations to buy during months ahead, survey data through July 1970. Aug. 20, 1970. ll. +18 p. \* Paper, 20c.

## Data access description: Census tabulations available on computer tape series CT-. [Intended as introduction to means of access to Census Bureau data for persons with data requirements not fully met by printed reports. Issued with perforations.]

- 13178 5. Printed reports from 1970 census, housing, v. 2. Aug. 1970. 9 p. 4° [Issued with perforations.] † ● Item 142-D C 3.240/5: 5

## Government finances, GF 69 (series). ● Item 146-E

C 3.191/2: 969/(nos.)

- 13179 4. City government finances in 1968-69. Aug. 1970. [3]+67 p. 4° ([Government Division.]) \* Paper, 65c.  
L.C. card 34-28211  
13180 5. Governmental finances in 1968-69. [Sept. 1970.] [4]+56 p. ll. 4° ([Government Division.]) \* Paper, 60c.  
L.C. A59-10097

◆For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 13

## GOVERNMENT PUBLICATIONS

United States maps GE-50 (series).

- 13181 14. American Indians in the United States. 1960: prepared by Geography Division. Scale 1:5,000,000; 500 m.-6 in. 1967. 30 x 42 in. [Albers equal area projection, standard parallels  $29\frac{1}{2}^{\circ}$  and  $45\frac{1}{2}^{\circ}$ . Data from 1969 census of population. Issued in colors. \* Paper, 50c. C 3.62/4: 14  
L.C. card 79-653815  
Insets:  
Alaska  
Hawaiian Islands

### CHILDREN'S BUREAU, Health, Education, and Welfare Dept. Washington, DC 20201

Folder.

- 13182 8. Breast feeding your baby. [1965. Revised 1970.] [1970.] cover title, 21 p. ill. 12" ([Office of Child Development].) \* Paper, 20c. ● Item 451  
HE 21.111: 8

Publication.

- 13183 424. Facts for teenagers: Smoking, health, and you. [1964. reprinted 1970.] cover title, [3]+22+[1] p. ill. narrow 8" (Includes list of other Children's Bureau publications.) \* Paper, 15c. ● Item 453  
L.C. card HEW 64-119 HE 21.110: 424
- 13184 Research relating to children, current and recently completed studies on growth and development, personality and adjustment, educational process, exceptional children, child in family, socioeconomic and cultural factors, social services, health services, Apr.-Dec. 1969. [1970.] vi+131 p. 4" (Bulletin 25; Clearinghouse for Research in Child Life.) \* Paper, \$1.25. ● Item 453-A  
L.C. card 52-60018 HE 21.112: 25
- 13185 Selected reading suggestions for parents of mentally retarded children; compiled and annotated by Kathryn A. Gorham, Eleanor Ernst Timberg and Coralie B. Moore. 1970. [3]+58 p. 4" \* Paper, 60c. ● Item 450  
L.C. card 78-608378 HE 21.113: M 52/970

### CIVIL AERONAUTICS BOARD Washington, DC 20428

- 13186 Address by Robert T. Murphy, member, Civil Aeronautics Board, before Governor's Transportation Conference, Casper, Wyo., Aug. 25, 1970. 1970. 8 p. 4" † C 31.215: M 95/53

### CIVIL DEFENSE OFFICE (Army), Defense Dept. Washington, DC 20310

Buildings with fallout protection, design case study DCS (series).

- 13187 4. Men's residence halls, University of Dubuque, Dubuque, Iowa. May 1970. [6] p. ill. 4" (1, Codes & standards, fallout shelters.) † ● Item 320-B-8  
D 119.14: 4
- 13188 Federal civil defense guide: pt. F, chap. 5, app. 2 with annexes 1-4, Federal contributions for civil defense personnel and administrative expenses. June 1970. iv+42 p. 4" [Issued with perforations. Supersedes pt. 5, chap. 5, app. 2 which includes annexes 1-4 and is dated Dec. 1963; and changes 1-9.] † ● Item 320-B-3 D 119.8/4: pt.F/chap.5/app.2/rev.

FG (series).

- 13189 F-3.10. Industrial civil defense management, preparation for wartime and peacetime disaster in industry, Staff College course announcement. July 1970. [2]+24 p. ill. narrow 8" [Supersedes FG-F-3.10, Apr. 1969.] †  
● Item 320-B-3 D 119.8/3: F-3.10/4

[Leaflet] L (series).

- 13190 68. Civil defense film: In time of emergency. [May 1970.] [4] p. ill. oblong 48" [Illustrations are colored.] † ● Item 857-D-5 D 119.13: 68

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

# OCTOBER 1970

Miscellaneous publication MP (series). † ● Item 852-D-11

D 119.11:(nos.)

- 13191 20. Publications Index, July 1970, xli+38 p. il. 4° [Issued with perforations. Supersedes MP-20, Mar. 1969.] L.C. card 59-61734
- 13192 55. Staff College catalog 1970-71, Battle Creek, Mich. [1970.] cover title, 28 p. il. oblong 12°

## CIVIL RIGHTS COMMISSION Washington, DC 20425

- 13193 United States Commission on Civil Rights. [1970.] [12] p. il. narrow 8° †  
● Item 288-A CR 1.2: C 49/970

## CIVIL SERVICE COMMISSION Washington, DC 20415

- 13194 ADP Management Training Center. [1970.] cover title, [15] p. 4° (Bureau of Training.) [Form to obtain further information printed on p. 3-4 of cover.] † ● Item 295 CS 1.2: Ad 7/970
- 13195 Amendment to announcement WA-7-51 (local) firefighter (structural) grade GS-4. Apr. 6, 1970. 1 p. oblong 48° (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) †  
CS 1.26/4: 967/WA-7-51/amdt.-2
- 13196 Amendment to announcement WAP-004, Federal careers for technicians in engineering and physical science. July 15, 1970. 1 p. oblong 48° (Interagency Board of U.S. Civil Service Examiners.) [Applications for construction representative positions will be accepted only for GS-9 through GS-12 levels.] †  
CS 1.26/4: 970/WAP-004/amdt.

### Civil service handbook.

- 13197 X-118. Qualification standards for white collar positions under general schedule. Reprinted Mar. 1970. [1161] p. 4° [Includes all changes made in transmittal sheets 1-131. Issued in looseleaf form.] \*Paper, \$12.00 (including basic handbook and transmittal sheets for an indefinite period), \$4.00 additional for foreign mailing. ● Item 290-A  
L.C. card 66-65753 CS 1.45: X-118/rep.970
- 13197A Current Federal civil service announcements, AN-2279, issue 197 Sept.-Oct. 1970. [1970.] [2] p. f° folded into narrow 8° size † ● Item 292  
CS 1.28: 2279/197
- 13198 Job grading standard for leader, WL. June 1970. cover title, 5 p. (Bureau of Policies and Standards.) [From Federal personnel manual FPM supplement 512-1, TS-12, June 1970. Issued with perforations.] \*Paper, 10c.  
CS 1.41/4: 512-1/trans.12/leader
- 13199 Job grading standard for supervisors, WS. June 1970. cover title, [1]+26 p. (Bureau of Policies and Standards.) [From Federal personnel manual FPM supplement, 512-1, TS-12, June 1970. Issued with perforations.] \*Paper, 10c.  
CS 1.41/4: 512-1/trans.12/super.

### Pamphlets. ● Item 299

CS 1.48: (letters-nos.)

- 13200 BRE-18. Federal jobs overseas. July 1970. 12 p. narrow 8° \*Paper, 10c.
- 13201 BRE-48. Opportunities in Federal service for veterans. July 1970. [8] p. narrow 8° †
- 13202 SM-59-04. Occupations of Federal blue collar workers. Oct. 31, 1968: [prepared by Bureau of Manpower Information Systems.] [1970.] [3]+ii +40 p. 4° (Manpower Statistics Division.) \*Paper, 50c.
- 13203 SM 70-69A Preliminary report of minority group employment in Federal government, 1969; prepared by Civil Service Commission. [1970.] [1]+i+78 p. il. 4° \*Paper, 75c.
- 13204 Perk up your grammar, workshop in effective English [with bibliographies]. [1970.] cover title, iv+175 p. il. 4° [Issued with cardboard dividers between chapters.] † ● Item 295 CS 1.2: G 76/970

### Personnel bibliography series.

- 13205 33. Employee benefits and services. 1970. cover title, [2]+150 p. 4° (Library.) \*Paper, \$1.25 ● Item 300-A-1  
L.C. card 74-608657 CS 1.61/3: 33

ΦFor Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 15

## GOVERNMENT PUBLICATIONS

### Personnel management series.

- 13206 22. Supervisory grade-evaluation guide and qualification standard, tool for organization analysis, instrument for job evaluation, aid in selecting competent supervisors, June 1970. [2] + iv + 47 p. (Bureau of Policies and Standards.)  
 \* Paper, 35c. ● Item 300-A  
 L.C. card 72-608714 CS 1.54: 22

### COAL RESEARCH OFFICE, Interior Dept. Washington, DC 20240

#### Research and development report.

- 13207 18. Project Western Coal, conversion of coal into liquids, Aug. 25, 1962-Dec. 14, 1969, [final report, with bibliographies]; prepared by George R. Hill [and others], May 1970. [1] + vi + 127 p. il. 4° (Contract 14-01-0001-271; University of Utah, Department of Mineral Engineering.) \* Paper, \$1.25.  
 ● Item 606-C-2 I 63.10: 18

### COAST AND GEODETIC SURVEY, Commerce Dept. Washington, DC 20230

- 13208 Tidal current tables, 1971: Atlantic Coast of North America, 1970. 200 p. il. 6 pl. [Includes list of publications relating to tides and tidal currents.]  
 † Paper, \$2.00. ● Item 190 C 4.22: 971  
 L.C. card 22-26822
- 13209 — Pacific Coast of North America and Asia, 1970. 254 p. il. [Includes list of publications relating to tides and currents.] † Paper, \$2.00. ● Item 191 C 4.23: 971  
 L.C. card 7-35369
- 13210 Tide tables, high and low water predictions, central and western Pacific Ocean and Indian Ocean, 1971. 1970. 386 p. [Index map of tide table coverage on p. 2 of cover. Includes list of publications related to tides and tidal currents.] † Paper, \$2.00. ● Item 196 C 4.15/6: 971  
 L.C. card 7-36369

### COAST GUARD, Transportation Dept. Washington, DC 20591

- 13211 AMVER system, Coast Guard. [1970.] [8] p. il. (Amver 23 (3-70).) † TD 5.2: Au 8
- 13212 Auxiliary membership qualification guide, amendment 1, Feb. 5, 1970. [17] leaves, pl. (CG-302.) † ● Item 934-A TD 5.8: Au 9/amdt.1  
 Bulletin.
- 13213 55. Report of International Ice Patrol Service in North Atlantic Ocean, season of 1969. [1970.] cover title, 41 p. il. 4° (CG-188-24.) † ● Item 931-A TD 5.3: 55  
 L.C. card 43-10843
- 13214 Courtesy examiners handbook, 1970. cover title, vi + 136 p. il. (CG-289.) [Issued with perforations. Supersedes CG-289, 1966 edition.] † ● Item 934-A TD 5.8: C 83/2
- Oceanographic report.
- 13215 30. Oceanography of Weddell Sea, Jan.-Mar. 1968 [with list of references; by] Robert B. Elder, James M. Seabrooke, Apr. 1970. vi + 98 p. il. 4° (CG 373-30; Coast Guard Oceanographic Unit.) † ● Item 940-B TD 5.18: 30

### COMMERCE DEPARTMENT Washington, DC 20230

NOTE.—Requests to the Commerce Department for publications should give the full title and the date of the publication. Do not include Monthly Catalog entry numbers or Superintendent of Documents classification numbers which should be used only when ordering from the Superintendent of Documents.

- 13216 Address by Maurice H. Stans, Secretary of Commerce, before Golden Anniversary Convention of American Society of Association Executives, Washington, D.C., Aug. 24, 1970. 13 p. 4° † C 1.18: St 2/45

\*For Sale by Superintendent of Documents  
 †Distribution Made by Issuing Office  
 ‡Official Use. Not Available

# OCTOBER 1970

- 13217 Directory of private programs assisting minority business; prepared by Office of Minority Business Enterprise. May 1970. iv+364 p. 4° \* Paper, \$2.50. ● Item 126-B  
L.C. card 72-603592 C 1.56: 970
- 13218 Guide to venture capital financing [with bibliography]. [1970.] cover title, 12 p. il. oblong 24° \* Paper, \$22.50 per 100; single copy 30c. ● Item 128-A C 1.8/3: F 49
- Overseas business reports OBR (series). [Issued irregularly.] \* Paper, \$16.00 a yr., \$5.00 additional for foreign mailing; single copy, 15c. (1-3 yr. subs.). ● Item 231-B C 1.50:(nos.)
- 13219 70-16. Foreign trade regulations of West Africa Customs Union (Dahomey, Ivory Coast, Mali, Mauritania, Niger, Senegal, Upper Volta) and Togo; prepared by Daniel E. Gardener. May 1970. 11 p. 4° (Bureau of International Commerce.) [Issued with perforations.]
- 13220 70-25. Basic data on economy of Libya [with bibliography]; prepared by Africa Division, Office of International Regional Economics. July 1970. 22 p. il. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 64-112.]
- 13221 70-29. Market profiles for Western Europe and Canada; prepared in European Division, Office of International Regional Economics. July 1970. 22 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 69-29.]
- 13222 70-30. Market profile for Latin America and Caribbean; prepared in American Republics Division, Office of International Regional Economics. July 1970. 24 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 69-32.]
- 13223 70-31. Market profiles for the Near East and South Asia; prepared in Near East-South Asia Division, Office of International Regional Economics. July 1970. 18 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 69-27.]
- 13224 70-33. Basic data on economy of Pakistan; prepared by Frederic W. Slesseger. July 1970. 20 p. il. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 66-29.]
- 13225 70-34. Basic data on economy of Australia; prepared by John N. Randolph, Jr. July 1970. 27 p. il. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 63-43.]
- 13226 70-35. Selling in Denmark [with bibliography]; prepared by Harold A. McNitt. July 1970. 13 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 66-72.]
- 13227 70-36. Useful market surveys and industry reports issued by United Nations Economic Commission for Africa (ECA), supp. 2; prepared by James W. Wilkes. July 1970. 6 p. 4° (Bureau of International Commerce.) [Issued with perforations.]
- 13228 70-38. Establishing business in Saudi Arabia [with bibliography]; prepared by Albert J. Planagan. Aug. 1970. 13 p. 4° (Bureau of International Commerce.) [Issued with perforations.]
- 13229 70-39. Foreign trade regulations of Surinam; prepared by Sadie M. Bone. Aug. 1970. 4 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 64-77.]
- 13230 70-40. Foreign trade regulations of France; prepared by William Nagel. Aug. 1970. 11 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 67-91.]

## COMMERCIAL FISHERIES BUREAU, Interior Dept. Washington, DC 20240

- C.F.S. (series). † ● Item 610-A I 49.8/2:(nos.)
- 13231 5295. Imports and exports of fishery products, 1968-69, annual summary. [June 1970.] 9 p. il. 4°
- 13232 5307. Maryland landings, 1969, annual summary. [July 1970.] 12 p. il. 4° [Prepared in cooperation with Maryland Department of Chesapeake Bay Affairs, Annapolis; Natural Resources Institute, Solomons; Potomac River Fisheries Commission, Colonial Beach, Va.]
- Circulars. † ● Item 609 I 49.4:(nos.)
- 13233 315. Synopsis of biological data on chum salmon, *Oncorhynchus keta* (Walbaum) 1732 [with list of literature cited]; by Richard G. Bakkala. Mar. 1970. iii+89 p. il. 4° ([BCF/S 41]; FAO species synopsis 41.)
- 13234 322. Federal aid program activities, 1970 [with list of publications]; prepared by Division of Federal Aid Staff. July 1970. vi+103 p. 4°
- 13235 340. Bureau of Commercial Fisheries Technological Laboratory, Gloucester, Mass. [June 1970.] [8] p. il. narrow 8°
- Commercial fisheries review, separates. † I 49.10/a:(nos.)
- 13236 750. Wade seine construction and method of use [with list of references]; by Hilton M. Floyd. [1970.] p. 8-11 p. il. 4° [From v. 28, no. 1.]

4For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

Page 17

# GOVERNMENT PUBLICATIONS

## Commercial fisheries review—Continued

- 13237 832. U.S. fish protein concentrate program; [by] Roland Finch. [1970.] p. 25-30. il. 4° [From Jan. 1969 issue.]
- 13238 874. Experimental sablefish fishing off San Diego, Calif. [with list of literature cited]; by Charles F. Phleger [and others]. [1970.] p. 31-40 il. 4° [From June 1970 issue.]
- 13239 875. Atlantic albacore fishery; [by] Grant L. Beardsley, jr. [1970.] p. 41-45 il. 4° [From June 1970 issue.]
- 13240 876. Seasonal and geographic characteristics of fishery resources, California current region 2. Pacific saury [with list of literature cited; by] David Kramer and Paul E. Smith. [1970.] p. 46-51 il. 4° [From v. 32, no. 6.]

## Special scientific reports: Fisheries (series). ‡ ● Item 614-B

I 49.15/2; (nos.)

- 13241 603. Distribution and abundance of fish in Yakima River, Wash., Apr. 1957-May 1958 [with list of literature cited]; by Benjamin G. Patten, Richard B. Thompson, and William D. Gronlund, June 1970. iii+31 p. il. 4°
- 13242 604. Flora and fauna of basin in central Florida Bay [with list of literature cited]; by J. Harold Hudson, Donald M. Allen, and T. J. Costello. May 1970. iii+14 p. il. 4°
- 13243 605. Contributions to life histories of several penaeid shrimps (Penaeidae) along south Atlantic coast of United States [with list of literature cited]; by William W. Anderson. May 1970. iii+24 p. il. 4°
- 13244 606. Annotated references on Pacific saury, *Cololabis alba*; by Steven E. Hughes. June 1970. iii+12 p.
- 13245 607. Studies on continuous transmission frequency modulated sonar [with lists of literature cited; by] Frank J. Hester, editor. June 1970. iii+26 p. il. 4°
- 13246 608. Preliminary designs of traveling screens to collect juvenile fish [with lists of literature cited; by] Daniel W. Bates and others]. July 1970. v+15 p. il. 4°

## COMMODITY EXCHANGE AUTHORITY, Agriculture Dept. Washington, DC 20250

- 13247 Extent and price effects of floor trading on New York Mercantile Exchange potato futures market; [by] Wayne L. Olson. [June 1970.] [6]+36 p. il. 4° ‡ A 85.2: P 84/7

## COMMUNITY ENVIRONMENTAL MANAGEMENT BUREAU, Health, Education, and Welfare Dept., Rockville, MD 20852

- 13247A Brown recluse [spider]. [1970.] [8] p. il. narrow 8° ([Public Health Service publication 2062.]) \* Paper, \$5 per 100; single copy 10c. ● Item 468-A-8 HE 20.1802: Sp 4
- 13247B Carbon monoxide, CO, odorless, tasteless, colorless, deadly. [1969.] [6] p. oblong 48° ([Public Health Service publication 1953.]) \* Paper, \$2.00 per 100; single copy, 5c. HE 20.1802: C 18

## COMMUNITY HEALTH SERVICE, Health, Education, and Welfare Dept., Washington, DC 20201

- 13248 CHScene, notes from Community Health Service. [Irregular.] ‡ HE 20.2557/2: (date)  
Jan. 1970—

## COMMUNITY SERVICES ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

NOTE.—In September, 1969 a new organizational unit, the Community Services Administration, was established within the Social and Rehabilitation Service, by transfer of staff from several units including the Division of Work and Training Programs from the Children's Bureau.

- 13249 Door to opportunity, title 5, Economic opportunity act, a summary report of work experience and training program, 1964-69; [by] Jeanette Stats. [1970.] iv+64 p. il. 4° ‡ ● Item 532-B-1  
L.C. card 73-608043 HE 17.702: Op 5

\*For Sale by Superintendent of Documents

‡Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

## CONGRESS

Congressional record, proceedings and debates of 91st Congress, 1st session, v. 115. [Permanent edition.] 1969. • Item 993  
L.C. card 12-36438 X.91/1: 115/pt. (nos.)

NOTE.—In the permanent bound edition, the paging differs from that of the daily numbers, the text being revised, rearranged, and printed without break.

- 13250 pt. 18. Aug. 13–Sept. 10, 1969. [1]+23659–25124 p. 4° • Cloth, \$6.75.
- 13251 pt. 20. Sept. 23–30, 1969. [1]+26565–27858 p. 4° • Cloth, \$6.25.
- 13252 pt. 21. Oct. 1–8, 1969. [1]+27859–29312 p. 4° • Cloth, \$6.25.

### Congressional serial set

NOTE.—During each session of Congress the House and Senate documents and reports are accumulated into bound volumes comprising the Congressional serial set. No catalog entry is made for the volumes of the Serial set since the documents and reports contained therein have been previously listed in the Monthly catalog. The following bound volumes were sent to depository libraries during the period of this catalog:

#### House document:

- 13253 no. 348, 91st Congress, 2d session, Tributes to the Honorable Earl Warren [Serial 12897–2]. • Item 995–G

#### Senate documents:

- 13254 no. 54, 91st Congress, 2d session, King Kamehameha I and Father Damien memorial statues [Serial 12890–2]. [Publication incorrectly reads 1st session.] • Item 995–G
- 13255 no. 58, 91st Congress, 2d session, National estuarine pollution study [Serial 12890–1]. • Item 995–G

#### Senate reports:

- 13256 no. 751–945 with exceptions, 90th Congress, 1st session, Senate miscellaneous reports on public bills V [Serial 12750–5]. • Item 1007–A

### Laws

NOTE.—The Federal laws are first published separately and in this form are known as "slip laws". Later, these laws are compiled, edited, indexed, and published in the volumes of the Statutes at large.

Private laws, 91st Congress. † House or Senate Document Rooms, Capitol.

- 13257 118. H.R. 5106, act for relief of Rogelio Tabhan. Approved July 16, 1970. 1 p.
- 13258 119. H.R. 2036, act to remove cloud on titles of certain property located in Malin, Oreg. Approved July 22, 1970. 1 p
- 13259 120. H.R. 14619, act for relief of Lawrence F. Payne. Approved Aug. 11, 1970. 1 p.
- 13260 121. H.R. 1453, act for relief of Melvin A. Kaye. Approved Aug. 14, 1970. 1 p.
- 13261 122. H.R. 1697, act for relief of Jack Brown. Approved Aug. 14, 1970. 1 p.
- 13262 123. H.R. 2209, act for relief of Carlo DeMarco. Approved Aug. 14, 1970. 1 p.
- 13263 124. H.R. 2407, act for relief of Elbert C. Moore. Approved Aug. 14, 1970. 1 p.
- 13264 125. H.R. 5337, act for relief of late Albert E. Jameson, jr. Approved Aug. 14, 1970. 1 p.
- 13265 126. H.R. 6375, act for relief of Amalia P. Montero. Approved Aug. 14, 1970. 1 p.
- 13266 127. H.R. 6850, act for relief of Clyde Nichols. Approved Aug. 14, 1970. 1 p.
- 13267 128. H.R. 9092, act for relief of Thomas J. Condon. Approved Aug. 14, 1970. 1 p.
- 13268 129. H.R. 12176, act for relief of Bly D. Dickson, jr. Approved Aug. 14, 1970. 1 p.
- 13269 130. H.R. 15354, act for relief of Anthony P. Miller, Incorporated. Approved Aug. 14, 1970. 1 p.
- 13270 131. H.R. 1703, act for relief of Clayton County Journal and Wilber Harris. Approved Aug. 17, 1970. 1 p.
- 13271 132. H.R. 1728, act for relief of Norman W. Stanley. Approved Aug. 17, 1970. 1 p.
- 13272 133. H.R. 2241, act for relief of John T. Anderson. Approved Aug. 17, 1970. 1 p.
- 13273 134. H.R. 2458, act for relief of Frank J. Enright. Approved Aug. 17, 1970. 1 p.
- 13274 135. H.R. 2481, act for relief of Commander John W. McCord. Approved Aug. 17, 1970. 1 p.
- 13275 136. H.R. 2950, act for relief of Edwin E. Fulk. Approved Aug. 17, 1970. 1 p.
- 13276 137. H.R. 3558, act for relief of Thomas A. Smith. Approved Aug. 17, 1970. 1 p.
- 13277 138. H.R. 3723, act for relief of Robert G. Smith. Approved Aug. 17, 1970. 1 p.
- 13278 139. H.R. 6377, act for relief of Earl Spofford Brown. Approved Aug. 17, 1970. 1 p.
- 13279 140. H.R. 9591, act for relief of Elgie L. Tabor. Approved Aug. 17, 1970. 1 p.
- 13280 141. H.R. 10662, act for relief of Walter L. Parker. Approved Aug. 17, 1970. 1 p.
- 13281 142. H.R. 11890, act for relief of Peter Elias Glanutoas, U.S. Air Force (retired). Approved Aug. 17, 1970. 1 p.
- 13282 143. H.R. 12622, act for relief of Russell L. Chandler. Approved Aug. 17, 1970. 1 p.
- 13283 144. H.R. 12887, act for relief of John A. Avdeef. Approved Aug. 17, 1970. 1 p.
- 13284 145. S. 1703, act for relief of Rosa Pintabona. Approved Aug. 18, 1970. 1 p.
- 13285 146. S. 1704, act for relief of Lillian Biazzo. Approved Aug. 18, 1970. 1 p.

‡For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151

•Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## Private laws, 91st Congress—Continued

- 13286 147. S. 2427, act for relief of Cal C. Davis and Lyndon A. Dean. Approved Aug. 18, 1970. 1 p.
- 13287 148. S. 2863, act for relief of Mrs. Cumorah Kennington Romney. Approved Aug. 18, 1970. 1 p.
- 13288 149. S. 3136, act to confer United States citizenship posthumously upon Guy Andre Blanchette. Approved Aug. 18, 1970. 1 p.
- 13289 150. H.R. 12446, act to confer United States citizenship posthumously upon Jose Guadalupe Esparza-Montoya. Approved Aug. 24, 1970. 1 p.
- 13290 151. H.R. 13997, act to confer U.S. citizenship posthumously upon Ryuzo Somma. Approved Aug. 24, 1970. 1 p.
- 13291 152. H.R. 5655, act for relief of Low Yin (also known as Low Ying). Approved Aug. 28, 1970. 1 p.
- 13292 153. H.R. 12400, act for relief of Tae Pung Hillis. Approved Aug. 28, 1970. 1 p.
- 13293 154. H.R. 13265, act to confer U.S. citizenship posthumously upon Frank J. Krec. Approved Aug. 28, 1970. 1 p.
- 13294 155. H.R. 13895, act for relief of Mrs. Maria Eloisa Pardo Hall. Approved Aug. 28, 1970. 1 p.
- 13295 156. H.R. 1749, act for relief of Eagle Timber Co., partnership, of Susanville, Calif. Approved Sept. 1, 1970. 1 p.
- 13296 157. H.R. 2849, act for relief of Anan Eldredge. Approved Sept. 1, 1970. 1 p.
- 13297 158. H.R. 12959, act for relief of Gloria Jara Haase. Approved Sept. 1, 1970. 1 p.
- 13298 159. H.R. 13383, act for relief of Mrs. Marcella Coslovich Fabretto. Approved Sept. 1, 1970. 1 p.
- 13299 160. H.R. 13712, act for relief of Vincenzo Pellicano. Approved Sept. 1, 1970. 1 p.

## Public laws, 91st Congress. • Item 575

NOTE.—Public laws in slip form in the first prints may be obtained from the Superintendent of Documents, Washington, DC 20402, at a subscription price of \$20.00 per session, \$5.00 additional for foreign mailing; single copies vary in price.

- 13300 257. H.J. Res. 1232, joint resolution making further continuing appropriations for fiscal year 1970, and for other purposes. Approved May 9, 1970. 1 p. \* Paper, 5c.
- 13301 285. H.R. 4249, act to extend Voting rights act of 1965 with respect to discriminatory use of tests, and for other purposes. [Approved June 22, 1970.] 5 p. \* Paper, 5c.
- 13302 291. S. 1479, act to amend title 38, United States code, to authorize maximum of \$15,000 coverage under Servicemen's group life insurance, to enlarge classes eligible for such insurance, to improve administration of programs of life insurance provided for servicemen and veterans, and for other purposes. [Approved June 25, 1970.] 8 p. \* Paper, 5c.
- 13303 266. H.R. 11102, act to amend Public health service act to revise, extend, and improve program established by title 6 of such act, and for other purposes. [Approved June 30, 1970.] 18 p. \* Paper, 10c.
- 13304 297. H.R. 17138, act to amend District of Columbia police and firemen's salary act of 1958 and District of Columbia teacher's salary act of 1955 to increase salaries, and for other purposes. [Approved June 30, 1970.] 14 p. \* Paper, 10c.
- 13305 303. H.R. 16516, act to authorize appropriations to National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes. [Approved July 2, 1970.] 7 p. \* Paper, 5c.
- 13306 331. H.R. 16295, act to authorize disposal of natural battery grade manganese ore from national stockpile and supplemental stockpile. Approved July 10, 1970. 1 p. \* Paper, 5c.
- 13307 332. H.J. Res. 546, joint resolution authorizing Secretary of Interior to provide for commemoration of one hundredth anniversary of establishment of Yellowstone National Park, and for other purposes. [Approved July 10, 1970.] 3 p. \* Paper, 5c.
- 13308 333. H.R. 16297, to authorize disposal of molybdenum from national stockpile. Approved July 10, 1970. 1 p. \* Paper, 5c.
- 13309 334. H.J. Res. 1284, joint resolution authorizing President's Commission on Campus Unrest to compel attendance and testimony of witnesses and production of evidence, and for other purposes. [Approved July 10, 1970.] 2 p. \* Paper, 5c.
- 13310 335. H.R. 12858, act to provide for disposition of certain funds awarded to Tlingit and Haida Indians of Alaska by judgment entered by Court of Claims against United States. Approved July 13, 1970. 1 p. \* Paper, 5c.
- 13311 336. H.J. Res. 224, joint resolution to change name of Pleasant Valley Canal, Calif., to Coalunga Canal. Approved July 16, 1970. 1 p. \* Paper, 5c.
- 13312 337. H.R. 17868, act making appropriations for government of District of Columbia and other activities chargeable in whole or in part against revenues of said District for fiscal year 1971, and for other purposes. [Approved July 16, 1970.] 6 p. \* Paper, 5c.
- 13313 338. H.R. 16739, act to extend until July 3, 1974, existing authority of Administrator of Veterans' Affairs to maintain offices in Republic of Philippines. Approved July 16, 1970. 1 p. \* Paper, 5c.
- 13314 339. S. 3564, act to amend Federal youth corrections act (18 U.S.C. 5005 et seq.) to permit examiners to conduct interviews with youth offenders. July 17, 1970. 1 p. \* Paper, 5c.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 13315 340. H.J. Res. 746, joint resolution to amend joint resolution authorizing appropriations for payment by United States of its share of expenses of Pan America Institute of Geography and History. Approved July 17, 1970. 1 p. \* Paper, 5c.
- 13316 341. S. 1455, act to amend sec. 8c(2)(A) of Agricultural adjustment act to provide for marketing orders for apples produced in Colorado, Utah, New Mexico, Illinois, and Ohio. Approved July 18, 1970. 1 p. \* Paper, 5c.
- 13317 342. S. 3592, act to amend Federal meat inspection act, as amended, to clarify provisions relating to custom slaughtering operations. Approved July 18, 1970. 1 p. \* Paper, 5c.
- 13318 343. S. 3598, act to amend sec. 32(e) of title 3 of Bankhead-Jones farm tenant act, as amended, to authorize Secretary of Agriculture to furnish financial assistance in carrying out plans for works of improvement for land conservation and utilization, and for other purposes. Approved July 18, 1970. 1 p. \* Paper, 5c.
- 13319 344. S.J. Res. 201, joint resolution to extend reporting date of National Commission on Consumer Finance. Approved July 20, 1970. 1 p. \* Paper, 5c.
- 13320 345. S. 1519, act to establish National Commission on Libraries and Information Science, and for other purposes. [Approved July 20, 1970.] 3 p. \* Paper, 5c.
- 13321 346. S. 3215, act to amend National Foundation on Arts and Humanities act of 1965, and for other purposes. [Approved July 20, 1970.] 5 p. \* Paper, 5c.
- 13322 347. H.R. 7618, act to provide for conveyance of certain real property of Federal Government to Board of Public Instruction, Okaloosa County, Fla. [Approved July 22, 1970.] 2 p. \* Paper, 5c.
- 13323 348. S. 3978, act to extend time for conducting referendum with respect to national marketing quota for wheat for marketing year beginning July 1, 1971. Approved July 23, 1970. 1 p. \* Paper, 5c.
- 13324 349. H.R. 11766, act to amend title 2 of Marine resources and engineering development act of 1966. Approved July 23, 1970. 1 p. \* Paper, 5c.
- 13325 350. S. 980, act to provide courts of United States with jurisdiction over contract claims against nonappropriated fund activities of United States, and for other purposes. [Approved July 23, 1970.] 2 p. \* Paper, 5c.
- 13326 351. S. 3685, act to increase availability of mortgage credit for financing of urgently needed housing, and for other purposes. [Approved July 24, 1970.] 15 p. \* Paper, 10c.
- 13327 352. S. 3430, act to amend Peace Corps act to authorize additional appropriations and for other purposes. [Approved July 24, 1970.] 3 p. \* Paper, 5c.
- 13328 353. S. 1520, act to exempt from antitrust laws certain combinations and arrangements necessary for survival of failing newspapers. [Approved July 24, 1970.] 3 p. \* Paper, 5c.
- 13329 354. S.J. Res. 88, joint resolution to create commission to study bankruptcy laws of United States. [Approved July 24, 1970.] 3 p. \* Paper, 5c.
- 13330 355. H.R. 7517, act to amend Canal Zone Code to provide cost-of-living adjustments in cash relief payments to certain former employees of Canal Zone Government, and for other purposes. [Approved July 24, 1970.] 2 p. \* Paper, 5c.
- 13331 356. H.R. 16595, act to authorize appropriations for activities of National Science Foundation, and for other purposes. [Approved July 24, 1970.] 2 p. \* Paper, 5c.
- 13332 357. H.R. 12758, act to authorize Secretary of Interior to establish volunteers in park program, and for other purposes. Approved July 29, 1970. 1 p. \* Paper, 5c.
- 13333 359. H.R. 14452, act to provide for designation of special policemen at Government Printing Office, and for other purposes. Approved July 31, 1970. 1 p. \* Paper, 5c.
- 13334 360. S. 3889, act to amend sec. 14(b) of Federal reserve act, as amended, to extend for one year authority of Federal reserve banks to purchase United States obligations directly from Treasury. Approved July 31, 1970. 1 p. \* Paper, 5c.
- 13335 361. H.R. 17619, act making appropriations for Department of Interior and related agencies for fiscal year 1971, and for other purposes. [Approved July 31, 1970.] 19 p. \* Paper, 10c.
- 13336 362. S. 759, act to declare that United States holds in trust for Washoe Tribe of Indians certain lands in Alpine County, Calif. Approved July 31, 1970. 1 p. \* Paper, 5c.
- 13337 363. S. 1456, act to amend sec. 8c(6) (1) of Agricultural adjustment act, as reenacted and amended by Agricultural marketing agreement act of 1937 and subsequent legislation, so as to permit marketing orders applicable to apples to provide for paid advertising. Approved July 31, 1970. 1 p. \* Paper, 5c.
- 13338 364. S. 885, act to authorize preparation of roll of persons whose lineal ancestors were members of Confederate Tribes of Weas, Piankashaws, Peorias, and Kaskaskias, merged under treaty of May 30, 1854 (10 Stat. 1082), and to provide for disposition of funds appropriated to pay judgment in Indian Claims Commission dockets numbered 314, amended, 314-E and 65, and for other purposes. [Approved July 31, 1970.] 2 p. \* Paper, 5c.
- 13339 365. S. 417, act to authorize Secretary of Interior to convey certain lands in New Mexico to Cuba Independent Schools and to village of Cuba. Approved July 31, 1970. 1 p. \* Paper, 5c.
- 13340 373. H.R. 14705, act to extend and improve Federal-State unemployment compensation program. [Approved Aug. 10, 1970.] 23 p. \* Paper, 15c.
- 13341 374. H.R. 914, act for relief of Hood River County, Oreg. Approved Aug. 11, 1970. 1 p. \* Paper, 5c.

## GOVERNMENT PUBLICATIONS

### Public laws, 91st Congress—Continued

- 13342 375. H.R. 17970, act to improve and modernize postal service, to reorganize Post Office Department, and for other purposes. [Approved Aug. 12, 1970.] 69 p. \* Paper, 25c.
- 13343 376. S. 3348, act to amend title 38, United States Code, to increase rates of compensation for disabled veterans, and for other purposes. [Approved Aug. 12, 1970.] 4 p. \* Paper, 5c.
- 13344 377. H.R. 15733, act to amend Railroad retirement act of 1967 to provide temporary 15 per centum increase in annuities, to change for temporary period method of computing interest on investments of railroad retirement accounts, and for other purposes. [Approved Aug. 12, 1970.] 4 p. \* Paper, 5c.
- 13345 378. S. 1076, act to establish pilot program in Departments of Interior and Agriculture designated as Youth Conservation Corps, and for other purposes. [Approved Aug. 13, 1970.] [2] p. \* Paper, 5c.
- 13346 379. S. 3302, act to amend Defense production act of 1950, and for other purposes. [Approved Aug. 15, 1970.] 5 p. \* Paper, 5c.
- 13347 380. H.R. 16916, act making appropriations for Office of Education for fiscal year 1971, and for other purposes. [Approved Aug. 18, 1970.] 6 p. \* Paper, 5c.

### ATOMIC ENERGY JOINT COMMITTEE Washington, DC 20515

- 13348 AEC authorizing legislation, fiscal year 1971, hearings, 91st Congress, 2d session.  
pt. 4. Special nuclear materials, light water breeder reactor (LWBR), raw materials, training, education, and information, isotopes development, community, regulatory, program direction and administration, and security investigations, Mar. 19, 1970. 1970. vii+1627-2017 p. il. \* Paper, \$1.50.  
● Item 999  
L.C. card 75-607120 Y 4.At 7/2: L 52/971/pt.4
- 13349 Uranium enrichment pricing criteria, hearings, 91st Congress, 2d session, June 16 and 17, 1970. 1970. iv+251 p. \* Paper, \$1.00. ● Item 999  
L.C. card 72-608580 Y 4.At 7/2: Ur 1/7

### ECONOMIC JOINT COMMITTEE Washington, DC 20510

- 13350 Committee publications and policies governing their distribution, 87th-91st Congresses, 1961-1970; Aug. 1970. 1970. ii+27 p. (Joint committee print, 91st Congress, 2d session.) ‡ ● Item 1000 Y 4.Ec 7: P 96/961-70  
L.C. card 68-62827
- 13351 Economy, energy, and environment, background study, by Environmental Policy Division, Legislative Reference Service, Library of Congress; Sept. 1, 1970. 1970. viii+131 p. il. (Joint committee print, 91st Congress, 2d session.) \* Paper, 55c. Y 4.Ec 7: Ec 7/24  
L.C. card 77-608793

### HOUSE OF REPRESENTATIVES Washington, DC 20515

#### *House documents*

NOTE.—All House documents, entries for which are followed by a †, may be obtained from the House Document Room or from the issuing office.

#### House documents, 91st Congress.

- 13352 250. pt. 4. U.S. Army register: v. 4, Officers' honorary retired list, Jan. 1, 1970. [2]+8 p. \* (Available in departmental edition 10c., D 102.9: 970/v. 4, and sent to depositories in that form. See Entry no. 13061.)
- 13353 274. National estuary study: v. 1, Main report, Jan. 1970. [5]+iii+20+4 p. 19 p. of pl. 4<sup>o</sup> [Some pages are numbered as leaves only, the unnumbered sides bearing the illustrations. Some plates are colored.] \* (Available in departmental edition, \$1.75, I 49.2: Es 8/2/v.1, and sent to depositories in that form. See Entry no. 15262.)
- 13354 285 Amendments to request for appropriations, Office of Education, fiscal year 1971. Mar. 23, 1970. 3 p. † ● Item 996
- 13355 286, 6 pts. National estuary study, Jan. 1970.  
pt. 1 Volume 2, Appendix A. Staff report [with selected list of references]. [1]+iv+303 p. il. 23 p. of pl. 4<sup>o</sup> [Illustrations are colored.] \* Available in departmental edition, \$3.00, I 49.2: ES 8/2/v.2 and sent to depositories in that form. See Entry no. 15263.)

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- pt. 2. Volume 3, Appendix B, Management studies in specific estuaries. [51]+326+[14] p. ll. 20 maps, 4° [Maps are colored.] \* (Available in departmental edition, \$4.75, 149.2. Es 8/2/v. 3, and sent to depositories in that form. See Entry no. 15264.)
- pt. 3. Volume 4, Additional support data for biophysical profiles; appendix D, Estuarine landscape survey and analysis [with bibliography]. [299] p. ll. 4° \* (Available in departmental edition, \$2.75, 149.2; Es 8/2/v. 4, and sent to depositories in that form. See Entry no. 15265.)
- pt. 4. Volume 5, Appendix E, Some economic factors affecting estuary zone including market outlooks for estuary products; appendix F, Technological impacts on estuary resource use; appendix G, Conflicts and problems in specific estuaries [with bibliographies]. [296] p. ll. 4° \* (Available in departmental edition, \$2.25, 149.2; Es 8/2/v. 5, and sent to depositories in that form. See Entry no. 15266.)
- pt. 5. Volume 6, Appendix H, Evaluation of existing methods of coordinating State and Federal actions; appendix I, Federal, State, and local laws and tax policies, affecting use of estuarine resources. [285] p. ll. 4° \* (Available in departmental edition, \$2.00, 149.2; Es 8/2/v. 6, and sent to depositories in that form. See Entry no. 15267.)
- pt. 6. Volume 7, Appendix J, Inventory of State development plans and policies for uses of estuarine resources; appendix K, Evaluation of existing public management schemes relevant to estuarine resource use. [185] p. 4° \* (Available in departmental edition, \$1.50, 149.2; Es 8/2/v. 7, and sent to depositories in that form. See Entry no. 15268.)
- 13356 288. Proposed supplemental appropriations, District of Columbia, fiscal year 1970, Mar. 31, 1970, 4 p. † ● Item 996
- 13357 314. National Aeronautics and Space Administration, 21st semiannual report to Congress, Jan. 1-June 30, 1969. [1970.] xvi+232 p. ll. [Text on p. 2 of cover.] \* (Available in departmental edition, \$1.25, NAS 1.1: 969, and sent to depositories in that form. See Entry no. 14900.)
- 13358 331. Proceedings of stated convention of 71st national encampment, United Spanish War Veterans, San Diego, Calif., Sept. 7-11, 1969; May 4, 1970, 1970. v+101 p. ll. 2 por. † (To be sent to depository libraries in Serial set binding.) L.C. card CA 10-5225
- 13359 334. Four river basin commission reports [fiscal year] 1969, message from President of United States transmitting annual reports; May 7, 1970 1970. [168] p. ll. 4° [Commissions included are Pacific Northwest River Basins Commission, Souris-Red-Rainy River Basins Commission, Great Lakes Basin Commission, and New England River Basins Commission.] † ● Item 996 L.C. card 77-601898
- 13360 344. Special report on U.S. participation in proposed replenishment of resources of Inter-American Development Bank, letter from National Advisory Council on International Monetary and Financial Policies transmitting report; June 2, 1970, 1970. v+42 p. † ● Item 996 L.C. card 78-608796
- 13361 345. Requesting prompt enactment, increasing public debt, June 3, 1970, 2 p. † ● Item 996
- 13362 348. Tributes to Earl Warren, Chief Justice of United States, to commemorate occasion of his retirement from Supreme Court, June 23, 1969, delivered in House of Representatives and in Senate, 1970. viii+[1]+136+[1] p. 1 por. large 8° † (To be sent to depository libraries in Serial set binding.) L.C. card 76-608916
- 13363 349. Santa Barbara Channel oil leases, etc., message from President of United States requesting passage of legislation to terminate oil exploration leases in Santa Barbara Channel and to create marine sanctuary, June 11, 1970, 2 p. † ● Item 996
- 13364 350. Committee on Agriculture, 150th anniversary, 16th Congress, 1820 to 91st Congress, 1970; May 3, 1970, 1970. v+32 p. ll. 1 pl. in pocket. † ● Item 996
- 13365 356. Reedy River, S.C., letter from chief of engineers, Army, submitting report; June 19, 1970, 1970. xiv+66 p. map, 4° [Also issued in departmental edition, D 103.22: R 25, and sent to depositories in that form. See Entry no. 14330.] † 91-2: H doc.
- 13366 357. Placer Creek at Wallace, Idaho, letter from chief of engineers, Army, submitting report; June 22, 1970, 1970. xli+46 p. ll. 2 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 14328.] †
- 13367 358. Fourmile Run, city of Alexandria and Arlington County, Va., letter from chief of engineers, Army, submitting report; June 25, 1970, 1970. xxiii+77 p. 2 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 14327.] †
- 13368 361. Black River Harbor, Alcona County, Mich., letter from chief of engineers, Army, submitting report; July 6, 1970, x+65 p. map, 4° [Also issued in departmental edition, D 103.22: B 56/6, and sent to depositories in that form. See Entry no. 14303.] †

♦For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

## GOVERNMENT PUBLICATIONS

### House documents, 91st Congress—Continued

- 13369 362. Scajauada Creek and tributaries, N.Y., letter from chief of engineers, Army, submitting report; July 6, 1970. 1970. xiii+58 p. il. map, 4°. [Also issued in departmental edition, D103.22: Sca 3, and sent to depositories in that form. See Entry no. 14331.] †
- 13370 363. Recommendations for Indian policy, message from President of United States, July 8, 1970. 12 p. † ● Item 996 91-2: H.doc.
- 13371 365. Reorganization plan 4 of 1970, message from the President transmitting reorganization plan 4 of 1970. July 9, 1970. 5 p. ● Item 996 \* Paper, 10c.
- 13372 367. Upper New York study, message from President of United States transmitting study, with recommendations, of extent to which portions of upper New York State should be included in either New England or Appalachian region; July 15, 1970. 1970. iv+56 p. il. [Includes bibliography of source materials.] † ● Item 996
- 13373 370. Wenatchee, Wash., letter from chief of engineers, Army, submitting report; July 23, 1970. 1970. xx+120 p. il. 5 pl. 4°. [Also issued in departmental edition, D103.22: W48, and sent to depositories in that form. See Entry no. 14337.] †
- 13374 374. Audit of financial statements, Federal home loan banks, year ended Dec. 31, 1969, letter from Comptroller General of the United States transmitting report of Federal home loan banks supervised by Federal Home Loan Bank Board; Aug. 10, 1970. 1970. iv+20 p. 4°. † ● Item 996
- 13375 375. Annual report of St. Lawrence Seaway Development Corporation, message from President of United States transmitting annual report for year ended Dec. 31, 1969; Aug. 11, 1970. 1970. [3]+24 p. 4°. † ● Item 996

### House reports

NOTE.—For titles of bills which these reports accompany, see Congressional Record Index.

#### House reports on private bills, 91st Congress. † House Document Room, Capitol. ● Item 1008-B

- 13376 1237. Reference of H.R. 17968 to Chief Commissioner of Court of Claims. Report from Committee on Judiciary to accompany H. Res. 108. June 25, 1970. 5 p.
- 13377 1257. Conferring U.S. citizenship posthumously upon Quadaupe Esparaza-Montoya. Report from Committee on Judiciary to accompany H.R. 12446. June 29, 1970. 2 p. [Amended title to read: To confer United States citizenship posthumously upon Jose Guadalupe Esparaza-Montoya.]
- 13378 1285. Mrs. Marcela Coslovich Fabretto. Report from Committee on Judiciary to accompany H.R. 13383. July 8, 1970. 5 p.
- 13379 1293. Supplemental to act of Feb. 9, 1821 incorporating Columbian College, etc. Report from Committee on District of Columbia to accompany H.R. 17146. July 10, 1970. 4 p.
- 13380 1323. Vernon Louis Hoberg. Report from Committee on Judiciary to accompany S. 1087. July 23, 1970. 12 p.
- 13381 1324. Rosa Pintabona. Report from Committee on Judiciary to accompany S. 1703. July 23, 1970. 7 p.
- 13382 1325. Lillian Buzzo. Report from Committee on Judiciary to accompany S. 1704. July 23, 1970. 8 p.
- 13383 1327. Margarita Anne Marie Baden (Nguyen Tan Nga). Report from Committee on Judiciary to accompany S. 2976. July 23, 1970. 13 p.
- 13384 1328. To confer U.S. citizenship posthumously upon Guy Andre Blanchette. Report from Committee on Judiciary to accompany S. 3136. July 23, 1970. 5 p.
- 13385 1336. Matyas Hunyadi. Report from Committee on Judiciary to accompany H.R. 3436. July 28, 1970. 14 p.
- 13386 1368. Charles Zonars. Report from Committee on Judiciary to accompany H.R. 7955. Aug. 4, 1970. 7 p. [H.R. 7955, as amended by the committee, provides for relief of estate of Charles Zonars, deceased.]
- 13387 1371. Jack A. Duggins. Report from Committee on Judiciary to accompany H.R. 14271. Aug. 4, 1970. 7 p.
- 13388 1372. Arthur Jerome Olinger. Report from Committee on Judiciary to accompany S. 703. Aug. 4, 1970. 5 p.
- 13389 1373. Marcos Rojas Rodriguez. Report from Committee on Judiciary to accompany S. 1187. Aug. 4, 1970. 3 p.
- 13390 1374. Arline Loader and Maurice Loader. Report from Committee on Judiciary to accompany S. 2514. Aug. 4, 1970. 5 p.
- 13391 1375. Kathryn Talbot. Report from Committee on Judiciary to accompany S. 2661. Aug. 4, 1970. 3 p.
- 13392 1431. Arthur Jerome Olinger. Report from Committee on Judiciary to accompany S. 703. Aug. 14, 1970. 8 p.

#### House reports on public bills, 91st Congress. † House Document Room, Capitol. (Nos. 972 and 1433 are sold by Superintendent of Documents.) ● Item 1008-A

- 13393 972. 1970 joint economic report. Report of Joint Economic Committee on Jan. 1970 economic report of the President, together with statement of Committee agreement, minority, supplementary, and dissenting views; Mar. 25, 1970. 1970. vii+143 p. il. \* Paper, 60c. L.C. card 48-46370

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

13394	1094.	Further continuing appropriations, 1970. Report from Committee on Appropriations to accompany H.J. Res. 1232, May 14, 1970. 2 p.
13395	1124.	Consideration of H.R. 15712. Report from Committee on Rules to accompany H. Res. 1045, May 26, 1970. 1 p.
13396	1125.	Consideration of H.R. 16542. Report from Committee on Rules to accompany H. Res. 1046, May 26, 1970. 1 p.
13397	1126.	International Labor Organization conference in Geneva, Switzerland. Report from Committee on Rules to accompany H. Res. 1033, May 26, 1970. 1 p.
13398	1128.	Act changing bracket tax on large cigars to ad valorem tax. Report from Committee on Ways and Means to accompany H.R. 1002, May 26, 1970. 11 p. il.
13399	1133.	Consideration of H.R. 17802. Report from Committee on Rules to accompany H. Res. 1051, June 1, 1970. 1 p.
13400	1147.	Waiving points of order against certain provisions of H.R. 17867. Report from Committee on Rules to accompany H. Res. 1059, June 3, 1970.
13401	1159.	Providing for agreeing to Senate amendments to bill (H.R. 4249) to extend Voting Rights Act of 1965 with respect to discriminatory use of tests and devices. Report from Committee on Rules to accompany H. Res. 914, June 4, 1970. 1 p.
13402	1169.	Naming of Veterans' Administration center at Bonham, Tex. for Sam Rayburn. Report from Committee on Veterans' Affairs to accompany H.R. 17613, July 9, 1970. 2 p.
13403	1170.	Consideration of H.R. 11833. Report from Committee on Rules to accompany H. Res. 1068, June 9, 1970. 1 p.
13404	1172.	Waiving points of order against consideration of bill (H.R. 17970) and waiving provisions of clause 2, rule 21, with respect to any appropriation contained in such bill. Report from Committee on Rules to accompany H. Res. 1070, June 9, 1970. 1 p.
13405	1173.	To provide funds for select committee created by House Resolution 976. Report from Committee on House Administration to accompany H. Res. 1071, June 10, 1970. 1 p.
13406	1182.	Duty treatment of certain previously exported aircraft. Report from Committee on Ways and Means to accompany H.R. 17068, June 11, 1970. 6 p.
13407	1218.	Consideration of H.R. 17495. Report from Committee on Rules to accompany H. Res. 1094, June 17, 1970. 1 p.
13408	1252.	Prevailing rate pay systems for Government employees. Report from Committee on Post Office and Civil Service to accompany H.R. 17509, June 29, 1970. 39 p.
13409	1265.	Improving administration of national park system by Secretary of Interior, and clarifying authorities applicable to system, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 14114, June 30, 1970. 16 p.
13410	1266.	Extension of programs for training in allied health professions. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 13100, June 30, 1970. 24 p.
13411	1277.	Developmental disabilities services and facilities construction act of 1970. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 14237, July 6, 1970. 48 p. L.C. card 72-608371
13412	1278.	Increasing amount of bonds issued by TVA. Report from Committee on Public Works to accompany H.R. 18104, July 7, 1970. 10 p.
13413	1281.	Requiring conveyance of all right, title, and interest of United States in and to certain real property in State of Georgia in order to remove limitation on use of such property. Report from Committee on Interior and Insular Affairs to accompany H.R. 9164, July 8, 1970. 4 p.
13414	1282.	Providing for conveyance to Pima and Maricopa Counties, Ariz., and to city of Albuquerque, N. Mex., of certain lands for recreational purposes under provisions of Recreation and public purposes act of 1926. Report from Committee on Interior and Insular Affairs to accompany H.R. 10837, July 8, 1970. 7 p.
13415	1283.	Authorizing Secretary of Interior to convey certain lands in New Mexico to Cuba Independent Schools and to village of Cuba. Report from Committee on Interior and Insular Affairs to accompany S. 417, July 8, 1970. 4 p.
13416	1287.	Consideration of H.R. 13100. Report from Committee on Rules to accompany H. Res. 1130, July 8, 1970. 1 p.
13417	1290.	Providing that Secretary of Transportation shall be member of National Aeronautics and Space Council. Report from Committee on Science and Astronautics to accompany H.R. 16539, July 9, 1970. 5 p.
13418	1295.	Authorizing renewal of certain Forest Service contracts. Report from Committee on Agriculture to accompany H.R. 11953, July 13, 1970. 4 p.
13419	1299.	International travel act of 1961. Conference report to accompany H.R. 14685, July 14, 1970. 8 p.
13420	1301.	Consideration of S. 1933. Report from Committee on Rules to accompany H. Res. 1139, July 14, 1970. 1 p.
13421	1302.	Consideration of H.R. 11157. Report from Committee on Rules to accompany H. Res. 1140, July 14, 1970. 1 p.
13422	1304.	Authorizing appropriations for Fire research and safety act. Report from Committee on Science and Astronautics to accompany H.R. 16538, July 15, 1970. 4 p.

For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151

Sent to Depository Libraries

Page 25

# GOVERNMENT PUBLICATIONS

## House reports on public bills, 91st Congress—Continued

13423	1305.	Authorizing additional funds for operation of Franklin Delano Roosevelt Memorial Commission. Report from Committee on House Administration to accompany H.R. 15351. July 15, 1970. 2 p.
13424	1306.	Office of Education appropriation, 1971. Conference report to accompany H.R. 16916. July 15, 1970. 7 p.
13425	1309.	Postponement of wheat referendum. Report from Committee on Agriculture to accompany S. 3978. July 16, 1970. 6 p.
13426	1310.	Departments of Labor, and Health, Education, and Welfare and related agencies appropriation bill, 1971. Report together with separate views from Committee on Appropriations to accompany H.R. 18515. July 16, 1970. 63 p. [Corrected print.]
13427	1314.	Decennial population census and congressional apportionment, [prepared by] Subcommittee on Census and Statistics of Committee on Post Office and Civil Service, House, 91st Congress, 2d session; July 20, 1970. 1970. 1v+24 p. L.C. card 70-608463
13428	1316.	Consideration of H.R. 15913. Report from Committee on Rules to accompany H. Res. 1149. July 20, 1970. 1 p.
13429	1318.	Waiving points of order against certain provisions of H.R. 18515. Report from Committee on Rules to accompany H. Res. 1151. July 20, 1970. 1 p.
13430	1330.	Defense production act extension and Economic stabilization act. Report together with minority views and additional views from Committee on Banking and Currency to accompany H.R. 17880. July 27, 1970. 20 p.
13431	1331.	Reauthorizing Riverton extension unit, Missouri River Basin project, including therein entire Riverton reclamation project and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 7521. July 27, 1970. 14 p.
13432	1337	Railroad retirement act amendments. Conference report to accompany H.R. 15733. July 28, 1970. 7 p.
13433	1339.	Authorizing appropriations for Civil Rights Commission. Report from Committee on Judiciary to accompany S.2455. July 8, 1970. 11 p. [Includes additional views of Robert McClory.]
13434	1345.	Independent offices and Department of Housing and Urban Development appropriations, 1971. Conference report to accompany H.R. 17548. July 28, 1970. 10 p.
13435	1346.	Authorizing Secretary of Interior to construct, operate, and maintain Minot extension of Garrison diversion unit of Missouri River Basin project in North Dakota, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 16987. July 29, 1970. 9 p.
13436	1347.	Political broadcasting. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 18434. July 29, 1970. 14 p.
13437	1348.	Providing for disposition of judgment funds on deposit to credit of Hualapai Tribe of Hualapai Reservation, Ariz., in Indian Claims Commission dockets 90 and 122, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 13434. July 29, 1970. 16 p.
13438	1350.	Providing for disposition of funds to pay judgment in favor of Sac and Fox Tribes of Oklahoma in Indian Claims Commission docket 220, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 14827. July 29, 1970. 11 p.
13439	1353.	Prohibiting salacious advertising. Report from Committee on Judiciary to accompany H.R. 11032. July 29, 1970. 8 p.
13440	1354.	Legislative branch appropriation, 1971. Conference report to accompany H.R. 16915. July 29, 1970. 4 p.
13441	1355.	Consideration of H.R. 17880. Report from Committee on Rules to accompany H. Res. 1168. July 30, 1970. 1 p.
13442	1356.	Preventing unauthorized manufacture and use of character "Johnny Horison." Report from Committee on Judiciary to accompany S.3838. July 30, 1970. 6 p.
13443	1358.	Allowing purchase of additional systems and equipment for passenger motor vehicles over and above statutory price limitation. Report from Committee on Government Operations to accompany S.2763. July 30, 1970. 21 p.
13444	1359.	Amending Federal property and administrative services act of 1949, as amended, to authorize Administrator of General Services to enter into contracts for janitorial services, trash removal, and similar services in federally owned and leased properties for periods not to exceed 3 years. Report from Committee on Government Operations to accompany H.R. 17455. July 30, 1970. 6 p.
13445	1360.	Releasing conditions in deed with respect to certain portion of land heretofore conveyed by United States to Salt Lake City Corporation. Report from Committee on Government Operations to accompany S.2763. July 30, 1970. 5 p.
13446	1376.	Providing funds for Committee on Judiciary. Report from Committee on House Administration to accompany H. Res. 1065. Aug. 5, 1970. 1 p.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

13447	1377.	Authorizing expenditures incurred by Special Committee to Investigate Campaign Expenditures to be paid from contingent fund of House. Report from Committee on House Administration to accompany H. Res. 1115. Aug. 5, 1970. 1 p.
13448	1379.	Providing funds for operation of Select Committee on Small Business. Report from Committee on House Administration to accompany H. Res. 1145. Aug. 5, 1970. 1 p.
13449	1380.	Authorizing printing of additional copies of Education in Israel for use of Select Subcommittee on Education. Report from Committee on House Administration to accompany H. Con. Res. 679. Aug. 5, 1970. 1 p.
13450	1381.	Amending District of Columbia cooperative association act. Conference report to accompany H.R. 17711. Aug. 6, 1970. 1 p.
13451	1382.	Investment company amendments act of 1970. Report, together with separate views, of Committee on Interstate and Foreign Commerce. to accompany H.R. 17335; Aug. 7, 1970. 1970. III+204 p.
13452	1383.	Name Light Horse Harry Lee Bridge. Report from Committee on District of Columbia to accompany H.R. 13113. Aug. 7, 1970. 4 p.
13453	1384.	Establishing nonvoting delegates for District of Columbia to Senate and to House of Representatives. Report from Committee on District of Columbia to accompany H.R. 18619. Aug. 7, 1970. 53 p.
13454	1385.	Establish study commission on District of Columbia government and provide nonvoting delegate to House of Representatives. Report from Committee on District of Columbia to accompany H.R. 18725. Aug. 7, 1970. 72 p.
13455	1386.	L.C. card 78-608666 Amendments to Defense production act of 1950. Conference report to accompany S. 3302. Aug. 8, 1970. 7 p.
13456	1387.	Marine Sciences Council extension. Report from Committee on Merchant Marine and Fisheries to accompany H.R. 16607. Aug. 10, 1970. 13 p.
13457	1389.	Consideration of H.R. 17795. Reports from Committee on Rules to accompany H. Res. 1178. Aug. 10, 1970. 1 p.
13458	1394.	Authorizing establishment of Andersonville National Historic Site in Georgia, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 140. Aug. 10, 1970. 5 p.
13459	1396.	Providing for addition of Freeman School to Homestead National Monument of America in Nebraska, and for other purposes. Aug. 10, 1970. 4 p.
13460	1397.	Providing for establishment of Gulf Islands National Seashore, in Alabama, Florida, Louisiana, and Mississippi, for recognition of certain historic values at Fort San Carlos, Fort Redoubt, Fort Pickens in Florida and Fort Massachusetts in Mississippi, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 10874. Aug. 10, 1970. 14 p.
13461	1398.	Amending act of Sept. 21, 1959 (73 stat. 591) to authorize Secretary of Interior to revise boundaries of Minute Man National Historical Park, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 13934. Aug. 10, 1970. 7 p.
13462	1400.	Establishing Fort Point National Historic Site in San Francisco, Calif., and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 18410. Aug. 10, 1970. 8 p.
13463	1401.	Establishing in Michigan the Sleeping Bear Dunes National Lakeshore, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 18776. Aug. 10, 1970. 14 p.
13464	1402.	Amendments to Food stamp act of 1964. Report together with dissenting views, additional views, and minority views from Committee on Agriculture to accompany H.R. 13552. Aug. 10, 1970. 37 p.
13465	1403.	Authorizing Secretary of Interior, to study feasibility and desirability on national lake-shore on Lake Tahoe in Nevada and California, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany S. 2208. Aug. 10, 1970. 4 p.
13466	1404.	Cooperation with United Seamen's Service. Report from Committee on Merchant Marine and Fisheries to accompany H.R. 1549. Aug. 11, 1970. 11 p.
13467	1405.	Potomac Valley Conservancy District. Report from Committee on Public Works to accompany H.J. Res. 1179. Aug. 11, 1970. 15 p.
13468	1406.	Crown of thorns starfish. Report from Committee on Merchant Marine and Fisheries to accompany S. 3153. Aug. 11, 1970. 8 p.
13469	1407.	Consideration of H.R. 7521. Report from Committee on Rules to accompany H. Res. 1185. Aug. 11, 1970. 1 p.
13470	1408.	Consideration of H.R. 9306. Report from Committee on Rules to accompany H. Res. 1186. Aug. 11, 1970. 1 p.
13471	1409.	Consideration of H.R. 9804. Report from Committee on Rules to accompany H. Res. 1187. Aug. 11, 1970. 1 p.
13472	1410.	Consideration of H.R. 13001. Report from Committee on Rules to accompany H. Res. 1188. Aug. 11, 1970. 1 p.
13473	1411.	Consideration of H.R. 16987. Report from Committee on Rules to accompany H. Res. 1189. Aug. 11, 1970. 1 p.
13474	1412.	Consideration of H.R. 10634. Report from Committee on Rules to accompany H. Res. 1192. Aug. 12, 1970. 1 p.
13475	1413.	Consideration of H.R. 17333. Report from Committee on Rules to accompany H. Res. 1193. Aug. 12, 1970. 1 p.

For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151

Sent to Depository Libraries

Page 27

## GOVERNMENT PUBLICATIONS

### House reports on public bills, 91st Congress—Continued

- |       |              |  |
|-------|--------------|--|
| 13476 | 1414.        | Consideration of H.R. 17982. Report from Committee on Rules to accompany H. Res. 1194. Aug. 12, 1970. 1 p.   |
| 13477 | 1415.        | Authorizing Secretary of Interior to construct, operate and maintain Narrows unit, Missouri River Basin project, Colo. Conference report to accompany S. 3547. Aug. 12, 1970. 3 p.   |
| 13478 | 1416.        | Providing for congressional recognition of Goddard Rocket and Space Museum. Report from Committee on Science and Astronautics to accompany S. Con. Res. 49. Aug. 13, 1970. 3 p.  |
| 13479 | 1417.        | Lease and transfer of burley tobacco [acreage] allotments. Report from Committee on Agriculture to accompany H.R. 18686. Aug. 13, 1970. 5 p.   |
| 13480 | 1418.        | Report on institutional investors study. Report from Committee on Interstate and Foreign Commerce to accompany H.J. Res. 1247. Aug. 13, 1970. 8 p.   |
| 13481 | 1423.        | Providing for disposition of funds appropriated to pay judgments in favor of Yakima Tribes in Indian Claims Commission dockets 47-A, 162, and consolidated 47 and 164, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 15469. Aug. 13, 1970. 32 p. il.   |
| 13482 | 1424.        | Conveying certain federally owned land to Cherokee Tribe of Oklahoma. Report from Committee on Interior and Insular Affairs to accompany H.R. 15624. Aug. 13, 1970. 5 p.   |
| 13483 | 1425.        | Providing for disposition of funds appropriated to pay judgment in favor of Confederate Bands of Ute Indians in Court of Claims case 47567, and judgment in favor of Ute Tribe of Uintah and Ouray Reservation for and on behalf of Uncompahgre Band of Ute Indians in Indian Claims Commission docket numbered 349, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 16833. Aug. 13, 1970. 15 p. |
| 13484 | 1426.        | Amending Central Valley reclamation project to include Black Butte project. Report from Committee on Interior and Insular Affairs to accompany H.R. 18298. Aug. 13, 1970. 5 p.   |
| 13485 | 1427.        | Consideration of H.R. 10874. Report from Committee on Rules to accompany H. Res. 1197. Aug. 13, 1970. 1 p.   |
| 13486 | 1429.        | Unmet training needs of Federal Investigator and Consolidated Federal Law Enforcement Training Center. 30th report by Committee on Government Operations; Aug. 14, 1970. 1970. v+126 p. il.<br>L.C. card 75-608617   |
| 13487 | 1430.        | Penalties for illegal fishing in fishery zones. Report from Committee on Merchant Marine and Fisheries to accompany H.R. 14678. Aug. 17, 1970. 19 p.   |
| 13488 | 1433.        | Protecting America's estuaries, San Francisco Bay and Delta. 31st report by Committee on Government Operations; Aug. 19, 1970. 1970. x+142 p. il. * Paper, 60c.<br>L.C. card 77-608785   |
| 13489 | 1444, pt. 1. | Comprehensive drug abuse prevention control act of 1970. Report of Committee on Interstate and Foreign Commerce together with individual views to accompany H.R. 18583; Sept. 10, 1970. 1970. [11]+90 p.<br>L.C. card 75-608948  |

### *Agriculture Committee, House*

Washington, DC 20515

- [Committee hearings] serial, 91st Congress. † ● Item 1010
- |       |     |  |                    |
|-------|-----|--|--------------------|
| 13490 | CC. | Custom slaughtering, hearing before Subcommittee on Livestock and Grains, 91st Congress, 2d session, on H.R. 16480 [and other bills], June 16, 1970. 1970. [11]+37 p.<br>L.C. card 79-608397   | Y 4.Ag 8/1: S 11/2 |
| 13491 | DD. | Care of animals used for research, experimentation, exhibition, or held for sale as pets, hearings before Subcommittee on Livestock and Grains, 91st Congress, 2d session, on H.R. 13957, June 3 and 9, 1970. 1970. iv+109 p.<br>L.C. card 79-608504 | Y 4.Ag 8/1: An 5/5 |

### *Appropriations Committee, House*

Washington, DC 20515

- |       |  |  |  |                             |
|-------|--|--|--|-----------------------------|
| 13492 | Department of Defense appropriations for 1971, hearings, 91st Congress, 2d session.<br>pt. 7. Testimony of Hyman G. Rickover. 1970. iv+174 p. † ● Item 1011<br>L.C. card 61-60926  |  |  | Y 4.Ap 6/1: D 36/5/971/pt.7 |
| 13493 | Departments of State, Justice, and Commerce, the Judiciary, and related agencies appropriations for 1971, hearings before subcommittee, 91st Congress, 2d session.<br>pt. 5. Additional testimony of International Labor Organization. 1970. [11]+79+iii p. † ● Item 1011<br>L.C. card 75-607033 |  |  | Y 4.Ap 6/1: St 2/971/pt.5   |

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1970

**Armed Services Committee, House**  
Washington, DC 20515

- 13494 Independent research and development, hearings before Armed Services Investigating Subcommittee, 91st Congress, 2d session, under authority of H. Res. 105, Feb. 15-Mar. 2, 1970. 1970. iii+273 p. il. † ● Item 1012  
L.C. card 77-608880 Y 4.Ar 5/2: R 31/6

Papers, 91st Congress. ● Item 1012 Y 4.Ar 5/2 a: 969-70/(nos.)

NOTE.—These papers consist largely of hearings. They are paged continuously for binding at the end of session of Congress under title "Hearings before Committee on Armed Services of the House of Representatives on sundry legislation affecting the naval and military establishments." Title page, contents, and index are issued for each volume.

- 13495 36. Review of health benefits program of Armed Forces [with bibliography] hearings before Subcommittee on Supplemental Service Benefits, 91st Congress, 1st session, Dec. 3-9, 1969. 1970. cover title, 5121-5401+1 p. †  
L.C. card 74-608247
- 13496 47. Pay and allowances of uniformed services pursuant to title 37 United States Code (Public law 87-649 (76 Stat. 451), as amended through Apr. 15, 1970 and supplementary material. 1970. iv+5863-5966 p. il. †
- 13497 62. Subcommittee on Real Estate consideration of and hearings on acquisition report no. 102 and disposal report no. 300. June 10, 1970. 9305-9441 i p. †
- 13498 Report of Joint-House Armed Services Subcommittee on CVAN-70 aircraft carrier (appointed pursuant to sec. 402(a) Public law 91-121), together with minority views. See, Armed Services Committee, Senate.

**Banking and Currency Committee, House**  
Washington, DC 20515

- 13499 Fair credit reporting, hearings before Subcommittee on Consumer Affairs, 91st Congress, 2d session, on H.R. 16340, Mar. 17-Apr. 8, 1970. 1970. vii+638 p. il. † ● Item 1013  
L.C. card 77-608340 Y 4.B 22/1: C 86/11
- 13500 Housing and urban development legislation, 1970, hearings before Subcommittee on Housing, 91st Congress, 2d session.  
pt. 2. June 8-11, 1970 and appendix. 1970. x+445-1016 p. il. † ● Item 1013  
L.C. card 78-608406 Y 4.B 22/1: H 81/46/970/pt.2
- 13501 Quality of urban life, hearings before Ad Hoc Subcommittee on Urban Growth, 91st Congress, 1st and 2d sessions.  
Pt. 2. Sept. 30, 1969-June 24, 1970. 1970. iv+1-538D, 539-765 p. il. 16 maps.  
● Paper, \$5.00. ● Item 1013  
L.C. card 72-608915 Y 4.B 22/1: Ur 1/4/pt.2
- 13502 To provide Federal assistance for eliminating causes of lead-based paint poisoning, hearings before Subcommittee on Housing, 91st Congress, 2d session, on H.R. 17260, H.R. 13254 [and] H.R. 14734, July 22 and 23, 1970. 1970. iv+294 p. il. † ● Item 1013  
L.C. card 75-608704 Y 4.B 22/1: P 75

**Education and Labor Committee, House**  
Washington, DC 20515

- 13503 Environmental quality education act of 1970, hearings before Select Subcommittee on Education, 91st Congress, 2d session, on H.R. 14753, Mar. 24-May 2, 1970. 1970. viii+856 p. il. [Hearings held in Washington, D.C., New York, N.Y., San Francisco and Los Angeles, Calif.] † ● Item 1015  
L.C. card 73-608508 Y 4.Ed 8/1: En 8
- ✓ 13504 International Labor organization, hearing before Task Force on International Labor Organization, 91st Congress, 2d session, to provide opportunity for United States delegates to 53d session of I.L.O. to offer their evaluations of work of conference, May 11, 1970. 1970. iii+151 p. il. †  
● Item 1015  
L.C. card 71-608703 Y 4.Ed 8/1: In 8/4/970

# GOVERNMENT PUBLICATIONS

- 13505 Needs of elementary and secondary education for the 70's, compendium of policy papers, compiled by General Subcommittee on Education, 91st Congress, 1st session; Mar. 1970. 1970. xv+982 p. il. (Committee print.) ‡  
L.C. card 70-606100 Y 4.Ed 8/1: Ed 8/36
- 13506 School assistance in federally affected areas, study of Public laws 81-874 and 81-815, final report, to Office of Education, Department of Health, Education, and Welfare, by Harold A. Hovey [and others], assisted by other members of Columbus Laboratories, Battelle Memorial Institute, Columbus, Ohio, Dec. 1969. 1970. xvii+214 p. (Committee print.) ‡  
L.C. card 75-608869 Y 4.Ed 8/1: Sch 6/13/970

## Foreign Affairs Committee, House Washington, DC 20515

- 13507 Aircraft sales in Latin America, hearings, before Subcommittee on Inter-American Affairs, 91st Congress, 2d session, Apr. 29 and 30, 1970. 1970. iii+27 p. † • Item 1017  
L.C. card 70-608404 Y 4.F 76/1: L 34/6
- 13508 Background information on use of United States armed forces in foreign countries, 1970 revision by Foreign Affairs Division, Legislative Reference Service, Library of Congress, for Subcommittee on National Security Policy and Scientific Developments. 1970. v+62 p. (Committee print, 91st Congress, 2d session.) ‡  
L.C. card 70-608794 Y 4.F 76/1: Ar 5/6/970
- 13509 Background material, foreign assistance programs; June 11, 1970. 1970. iii+48 p. il. (Committee print, 91st Congress, 2d session.) ‡  
L.C. card 75-607861 Y 4.F 76/1: F 76/45
- 13510 Cuba and the Caribbean, hearings before Subcommittee on Inter-American Affairs, 91st Congress, 2d session, July 8-Aug. 3, 1970. 1970. iv+247 p. il. \* Paper, \$1.00. • Item 1017  
L.C. card 70-608574 Y 4.F 76/1: C 89/7
- 13511 Geneva Convention relative to treatment of prisoners of war, with reservations, if any, by governments participating in hostilities in Vietnam, Cambodia and Laos, prepared for Subcommittee on National Security Policy and Scientific Developments; May 1970. 1970. xii+81 p. (Committee print.) ‡  
L.C. card 78-607634 Y 4.F 76/1: P 93/5
- 13512 Near East conflict, hearings before Subcommittee on Near East, 91st Congress, 2d session, July 21-30, 1970. 1970. iv+383 p. map \* Paper, \$1.50. • Item 1017  
L.C. card 78-608702 Y 4.F 76/1: Ea 7/8
- 13513 Report of House delegation to 15th Commonwealth Parliamentary Association Conference, Oct. 13-17, 1969, Port-of-Spain, Trinidad and Tobago, by Leonard Farbstein, Sherman P. Lloyd; Nov. 7, 1969. 1969. vii+9 p. (Committee print, 91st Congress, 1st session.) ‡  
L.C. card 62-60741 Y 4.F 76/1: C 73/11
- 13514 Science, technology, and American diplomacy, toward new diplomacy in scientific age, prepared for Subcommittee on National Security Policy and Scientific Developments, by [Franklin P. Huddle], Science Policy Research and Foreign Affairs Divisions, Legislative Reference Service, Library of Congress (as part of extended study of interactions of science and technology with United States foreign policy); Apr. 1970. 1970. vii+28 p. (Committee print.) ‡  
L.C. card 79-607428 Y 4.F 76/1: Sci 2
- 13515 Section-by-section analysis and Ramseyer rule print of proposed act to amend further Peace Corps act, H.R. 16327, to amend Peace Corps act to authorize additional appropriations, and for other purposes; Mar. 10, 1970. 1970. v+11 p. (Committee print, 91st Congress, 2d session.) ‡  
L.C. card 78-608004 Y 4.F 76/1: P 31/8/970

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 13516 Selective migration program for Latin America, operated by Intergovernmental Committee for European Migration (ICEM), hearing before Subcommittee on Inter-American Affairs, 91st Congress, 2d session, July 7, 1970. iii+37 p. † ● Item 1017  
L.C. card 74-608326 Y 4.F 76/1: L 34/5

- 13517 Student views toward United States policy in southeast Asia, hearings before Ad Hoc Committee of Members of House of Representatives, 91st Congress, 2d session, May 21 and 22, 1970. 1970. viii+277 p. † ● Item 1017  
L.C. card 77-608253 Y 4.F 76/1: St 9

- 13518 25th anniversary of United Nations, hearings before Subcommittee on International Organization and Movements, 91st Congress, 2d session. pt. 2. Apr. 21-Aug. 6, 1970. 1970. iv+347-565 p. \* Paper, \$1.00. ● Item 1017  
L.C. card 70-606703 Y 4.F 76/1: Un 34/13/pt.2

## *Government Operations Committee, House* Washington, DC 20515

- 13519 Cyclamate sweeteners, hearing before subcommittee, 91st Congress, 2d session, June 10, 1970. 1970. iv+103 p. ll. † ● Item 1016  
L.C. card 74-608902 Y 4.G 74/7: C 99

- 13520 Disposal of surplus Federal property for park and recreational purposes, hearing before subcommittee, 91st Congress, 2d session, on H.R. 15870, June 9, 1970. 1970. iii+50 p. † ● Item 1016  
L.C. card 75-608503 Y 4.G 74/7: Su 7/10

- 13521 Presidential advisory committees, hearings before subcommittee, 91st Congress, 2d session. pt. 2. May 26 and 27, 1970. 1970. iv+160 p. ll. † ● Item 1016  
L.C. card 70-607460 Y 4.G 74/7: P 22/3/pt.2

- 13522 Procurement of architect and engineer services by Federal Government, hearing, 91st Congress, 2d sess., June 4, 1970. 1970. iii+230 p. † ● Item 1016  
L.C. card 74-608393 Y 4.G 74/7: Ar 2

## *Interior and Insular Affairs Committee, House* Washington, DC 20515

- [Committee hearings] serial, 91st Congress. † ● Item 1023  
Y 4.In 8/14: 91-(nos.)

- 13523 9. Apostle Islands National Lakeshore, pt. 2, hearings before Subcommittee on National Parks and Recreation, 91st Congress, 2d session on H.R. 555, H.R. 9306, and S. 621, Mar. 23-June 3, 1970. 1970. v+199-435 p.  
L.C. card 70-604697

- 13524 21. Nonvoting delegates, Guam and Virgin Islands, hearings before Subcommittee on Territorial and Insular Affairs, 91st Congress, 2d session, on H.R. 7913 and H.R. 7914, May 18 and 19, 1970. 1970. iv+139 p.  
L.C. card 78-608501

- 13525 22. Sleeping Bear Dunes National Lakeshore, hearings before Subcommittee on National Parks and Recreation, 91st Congress, 2d session, on H.R. 11829 and related bills, June 8 and 9, 1970. 1970. v+348 p. ll.  
L.C. card 75-608763

- 13526 24. Gulf Islands National Seashore, hearings before Subcommittee on National Parks and Recreation, 91st Congress, 2d session, on H.R. 10874, June 18 and 19, 1970. 1970. iv+111 p. ll.  
L.C. card 73-608575

## *Interstate and Foreign Commerce Committee, House* Washington, DC 20515

- [Committee hearings] serial, 91st Congress. ● Item 1019  
Y 4.In 8/4: 91-(nos.)

- 13527 65. Child-resistant packaging of household substances, hearing before Subcommittee on Commerce and Finance, 91st Congress, 2d session, on H.R. 6179, H.R. 6180, H.R. 16541, H.R. 16884, and S. 2162, June 8 and 9, 1970. 1970. iv+144 p. ll. †  
L.C. card 78-608335

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 31

# GOVERNMENT PUBLICATIONS

[Committee hearings] serial, 91st Congress—Continued

- 13528 66. SEC institutional investor study extension, hearing before Subcommittee on Commerce and Finance, 91st Congress, 2d session on H.J. Res. 1247, July 27, 1970, 1970. iii+24 p. †  
L.C. card 74-608334
- 13529 67. Securities investor protection, hearings before Subcommittee on Commerce and Finance, 91st Congress, 2d session, on H.R. 13308, H.R. 17585, H.R. 18081, H.R. 18109, and H.R. 18458, June 4–July 15, 1970. 1970. v+404 p. ii. \* Paper, \$1.50.  
L.C. card 74-608578

## Judiciary Committee, House Washington, DC 20515

[Committee hearings] serial, 91st Congress. ● Item 1020

Y 4.J 89/1: 91–(nos.)

- 13530 21. Antilobscenity legislation, hearings before Subcommittee no. 3, 91st Congress, on H.R. 5171, H.R. 11009, H.R. 11031, H.R. 11032, and related materials, Sept. 25, 1969–Apr. 16, 1970. 1970. vii+1222 p. \* Paper, \$5.00.  
L.C. card 75-608511
- 13531 22. Pop Warner Little Scholars, Incorporated, hearings before subcommittee no. 4, 91st Congress, 2d session, on H.R. 12640 and related proposals, July 1, 1970. 1970. iv+50 p. †  
L.C. card 79-608693
- 13532 23. Investigation of conglomerate corporations, hearings before Antitrust Subcommittee (subcommittee no. 9), 91st Congress.  
L.C. card 79-608878
- pt. 1. Gulf & Western Industries, Inc., July 30–Aug. 7, 1969. 1970. xviii+819 p. ii. \* Paper, \$3.50.
- pt. 2. Ieasco Data Processing Corp., Oct. 15–23, 1969. 1970. x+897 p. ii. \* Paper, \$3.75.
- pt. 3. International Telephone & Telegraph Corporation, Nov. 20–Dec. 3, 1969. 1970. xii+1476 p. ii. 3 pl. \* Paper, \$6.25.
- pt. 4. National General Corporation, Jan. 28 and 29, 1970. 1970. viii+521 p. \* Paper, \$2.25.
- 13533 24. Circuit court executives, hearing before subcommittee no. 5, 91st Congress, 2d session, on H.R. 17901 and H.R. 17906, July 8, 1970. 1970. iii+53 p. †  
L.C. card 70-608901

## Merchant Marine and Fisheries Committee, House Washington, DC 20515

[Committee hearings] serial, 91st Congress. † ● Item 1021

Y 4.M 53: 91–(nos.)

- 13534 27. Increased assistance to commercial fisheries, Alaska pipeline, hearings before Subcommittee on Fisheries and Wildlife Conservation, 91st Congress, 1st and 2d sessions, on H.R. 14291 [and other bills], Oct. 31, 1969. 1970. vi+282 p.  
L.C. card 77-608376
- 13535 28. Merchant marine legislation, hearings before Subcommittee on Merchant Marine, 91st Congress, on H.R. 265 (construction-differential subsidies), H.R. 6972 (mobile trade fairs), H.R. 15549 (United Seamen's Service), pt. 1. June 10–24, 1970. 1970. iv+79 p.  
L.C. card 72-608505

## Post Office and Civil Service Committee, House Washington, DC 20515

[Committee hearings] serial, 91st Congress. † ● Item 1022

Y 4.P 84/10: 91–(nos.)

- 13536 25. Passport applications at certain post offices, hearing, 91st Congress, 2d session, on test program for acceptance of U.S. passport applications at selected post offices, July 7, 1970. 1970. iii+37 p.  
L.C. card 71-608407
- 13537 26. Compensation in Federal classified salary system, hearings before Subcommittee on Compensation, 91st Congress, 2d session, on H.R. 18403 [and] H.R. 18603, July 27–31, 1970. 1970. iv+204 p. ii.  
L.C. card 76-608695
- 13538 27. Survivor annuities, hearings before Subcommittee on Retirement, Insurance, and Health Benefits, 91st Congress, 2d session on H.R. 3661 and related bills, June 10, Aug. 4, 1970. 1970. iii+74 p.  
L.C. card 70-608577
- 13539 Salary and retirement annuity increases of Federal classified and postal employees, 1945–70 together with current salary schedules; Apr. 1, 1970. 1970. ii+8 p. (Committee print 14, 91st Congress, 2d session.) †  
L.C. card 70-607420 Y 4.P 84/10: Sa 3/15/945-70

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

## *Science and Astronautics Committee, House* Washington, DC 20515

- 13540 National Institutes of Research and Advanced Studies, recommendation for centralization of Federal science responsibilities, report of Subcommittee on Science, Research, and Development, 91st Congress, 2d session. 1970. v+55 p. il. (Serial N, committee print.) ‡  
L.C. card 78-608560 Y 4.Sci 2: 91-2/N  
[Papers], 91st Congress, 2d session. † ● Item 1025-A  
Y 4.Sci 2: 91-2/21/pt. (nos.)
- 13541 21. Technology assessment, 1970, hearings before Subcommittee on Science and Astronautics, 91st Congress, 2d session, on H.R. 17046.  
pt. 2. Mar. 13-May 29, 1970. vi+339-1008 p. il. [Hearings held in Los Angeles, Calif., San Francisco, Calif., and Webster Groves, Mo.]  
L.C. card 75-608337
- 13542 22. Feasibility study, regional aerospace museum, hearings before ad hoc subcommittee on H.R. 10771, 91st Congress, 2d session, July 16, 1970. 1970. iii+43 p.  
L.C. card 70-608325
- 13543 Technology assessment system for Executive Branch, report of National Academy of Public Administration. July 1970. xi+85 p. il. ([Committee print.]) \* Paper, 45c.  
L.C. card 73-608792 Y 4.Sci 2: T 22/3

## *Small Business, Select Committee on, House* Washington, DC 20515

- 13544 Rural and urban problems of small businessmen, hearings before Subcommittee on Small Business Problems in Smaller Towns and Urban Areas, 91st Congress, 2d session, pursuant to H. Res. 66.  
v. 2. May 14-15, 1970. iv+217 p. il. [Hearings held in Schenectady, Rochester, and Pittsford, N.Y.] ‡ ● Item 1031  
L.C. card 70-608050 Y 4.Sm 1: R 88/v.2

## *Veterans' Affairs Committee, House* Washington, DC 20515

- 13545 Bills to provide for purchase of mobile homes under VA guaranteed loan program, hearings before Subcommittee on Housing, 91st Congress, 2d session, on bills to provide for purchase of mobile homes under Veterans' Administration guaranty and other bills related to veterans' housing, July 14 and 16, 1970. vi+3417+3740 p. † ● Item 1027  
L.C. card 72-608860 Y 4.V 64/3: M 71
- 13546 [Scarce medical services, additional material.] Dec. 5, 1969. 14 p. ([Committee print] 181.) ‡  
Y 4.V 64/3: M 46/20
- 13547 Veterans' Administration hospital funding and personnel needs, hearings before Subcommittee on Hospitals, 91st Congress, 2d session, on need for additional funds and personnel in Veterans' Administration hospitals and medical programs. 1970. x+2835-3415 p. il. [Hearings held Washington, D.C. Apr. 14-May 19, 1970; Tampa, Fla., Apr. 20, 1970; Daytona Beach, Fla., Apr. 21, 1970; and Bronx, N.Y., June 12, 1970.] † ● Item 1027  
L.C. card 74-607826 Y 4.V 64/3: H 79/29

## *Ways and Means Committee, House* Washington, DC 20515

- 13548 Brief summary of principal provisions of H.R. 16311, Family assistance act of 1970, as passed by House of Representatives on Apr. 16, 1970. 1970. ii+6 p. (Committee print, 91st Congress, 2d session.) ‡  
L.C. card 77-607422 Y 4.W 36: F 21

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

## GOVERNMENT PUBLICATIONS

- 13549 Brief summary of principal provisions of H.R. 17550, Social security amendments of 1970, as passed by House of Representatives May 21, 1970, including amendments to old-age survivors and disability insurance system and medicare, medicaid, and maternal and child health programs. 1970. ii+8 p. (Committee print, 91st Congress, 2d session.) ‡  
L.C. card 74-607885 Y 4.W 36: So 1/20
- 13550 Controlled dangerous substances, narcotics and drug control laws, hearings, 91st Congress, 2d session, on legislation to regulate controlled dangerous substances and amend narcotics and drug laws, July 20-27, 1970. 1970. vi+536 p. ‡ ● Item 1028  
L.C. card 78-608579 Y 4.W 36: Su 1
- 13551 Material relating to Domestic International Sales Corporation proposal of Treasury Department, presented on May 12, 1970, including statements of David M. Kennedy, Secretary of Treasury, John S. Nolan, Acting Assistant Secretary of Treasury for Tax Policy, and technical explanation of Treasury proposal. 1970. iii+64 p. (Committee print, 91st Congress, 2d session.) ‡  
L.C. card 71-607635 Y 4.W 36: D 71
- 13552 Written statement and other material submitted by administration witnesses during hearings on subject of Foreign trade and tariffs, together with letter of the President; May 1970. 1970. iv+346 p. il. (Committee print, 91st Congress, 2d session.) ‡  
L.C. card 79-607602 Y 4.W 36: F 76 tr 18

### INTERNAL REVENUE TAXATION JOINT COMMITTEE Washington, DC 20515

- 13553 Estimates of Federal receipts for fiscal years 1970 and 1971, prepared by staff of Joint Committee on Internal Revenue Taxation; May 28, 1970. 1970. ii+3 p. ‡  
L.C. card 53-60919 Y 4.In 8/11: R 24/970-71
- 13554 Summary of Senate amendments to revenue title of H.R. 14465, Airport and airway revenue act of 1970, prepared by House and Senate conferees on H.R. 14465, by staff of Joint Committee on Internal Revenue Taxation; Mar. 16, 1970. 1970. [1]+9 p. (Committee print.) ‡  
L.C. card 71-607580 Y 4.In 8/11: A1 7

### REDUCTION OF FEDERAL EXPENDITURES JOINT COMMITTEE Washington, DC 20510

- 13555 1971 budget scorekeeping report: (staff report no. 3), pursuant to sec. 601 of Revenue act of 1941 showing status of 1971 fiscal year Federal budget, cumulative to Apr. 30, 1970 with summary presentation. 1970. iii+24. 4° (Joint committee print, 91st Congress, 2d session.) ‡  
Y 4.R 24/4: B 85/2/971/no.3
- 13556 — (staff report no. 4), pursuant to sec. 601 of Revenue act of 1941 showing status of 1971 fiscal year Federal budget, cumulative to May 21, 1970 with summary presentation. 1970. iii+24 p. 4° (Joint committee print, 91st Congress, 2d session.) ‡  
Y 4.R 24/4: B 85/2/971/no.4
- 13557 — (staff report no. 5), pursuant to sec. 601 of Revenue act of 1941 showing status of 1971 fiscal year Federal budget, cumulative to June 8, 1970 with summary presentation. 1970. iii+25 p. 4° (Joint committee print, 91st Congress, 2d session.) ‡  
Y 4.R 24/4: B 85/2/971/no.5

### SENATE Washington, DC 20510

#### *Senate documents*

NOTE.—All Senate documents, entries for which are followed by a ‡, may be obtained from the Senate Document Room or from the issuing office.  
Senate documents, 91st Congress.

- 13558 54. King Kamehameha I and Father Damien [memorial statues], Hawaii's presentation to National Statuary Collection, proceedings in Rotunda, United States Capitol, Apr. 15, 1969. [1970.] viii+40 p. il. 4° [Illustrated lining papers.] ‡ (To be sent to depository libraries in Serial set binding.)

\*For Sale by Superintendent of Documents  
‡Distribution Made by Issuing Office  
‡Official Use. Not Available

# OCTOBER 1970

- 13559 58. National estuarine pollution study, report of Secretary of Interior to Congress, pursuant to Public law 89-753, Clean water restoration act of 1966; Mar. 25, 1970. 1970. ix+633 p. ll. † (To be sent to depository libraries in Serial set binding.)  
L.C. card 70-608613
- 13560 75. Tributes to Mike Mansfield of Montana, commemorating longest tenure as majority leader of United States Senate, June 25, 1970. 1970. iii+56 p. †  
● Item 996  
L.C. card 70-608782
- 13561 77. Air pollution abatement by Federal facilities, report of Secretary of Health, Education, and Welfare, in compliance with Public Law 90-148, Clean air act, as amended, Jan. 1970; July 17, 1970. 1970. v+35 p. † ● Item 996  
L.C. card 70-608862
- 13562 79. Semiannual report of Architect of Capitol, Jan. 1-June 30, 1970, pursuant to sec. 105 (b), Public law 454, 88th Congress; Aug. 14, 1970. 1970. iii+124 p. † ● Item 996
- 13563 83. Proposed supplemental appropriation for school assistance for fiscal 1970. May 25, 1970. 2 p. † ● Item 996
- 13564 87. Proposed amendments to 1971 budget, June 2, 1970. 2 p. † ● Item 996
- 13565 89. Proposed supplemental appropriation for fiscal [year] 1970 for Department of Labor, June 9, 1970. 2 p. † ● Item 996
- 13566 90. Proposed amendment to budget for fiscal year 1971 for Department of State, June 10, 1970. 2 p. † ● Item 996
- 13567 91. Proposed amendment to budget for fiscal year 1971 for Department of Commerce, June 16, 1970. 2 p. † ● Item 996
- 13568 92. Proposed amendment to budget for fiscal year 1971 for Federal Maritime Commission, June 24, 1970. 2 p. † ● Item 996
- 13569 93. Proposed amendment to budget for fiscal year 1971 involving Inter-American Social Development Institute, June 26, 1970. 2 p. † ● Item 996
- 13570 94. Proposed amendment to 1971 budget for Department of Agriculture, July 1, 1970. 2 p. † ● Item 996
- 13571 96. Proposed amendments to 1971 budget for legislative branch, July 27, 1970. 2 p. † ● Item 996
- 13572 99. Report of Secretary of Senate, Jan. 1-June 30, 1970; Aug. 25, 1970. 1970. iv+493 p. † (To be sent to depository libraries in Serial set binding.)

## Senate executive documents

Senate executive documents, 91st Congress, 2d session. †

- 13573 I. Tax convention with Belgium, message from President of United States transmitting convention between United States and Belgium for avoidance of double taxation and prevention of fiscal evasion with respect to taxes on income signed Brussels July 9, 1970; Aug. 13, 1970. 1970. vii+20 p. Y 1.91/2: (letters)
- 13574 J. Protocol for prohibition of use in war of asphyxiating, poisonous, or other gases, and of bacteriological methods of warfare, message from President of United States transmitting protocol signed Geneva June 17, 1925; Aug. 19, 1970. 1970. vi+8 p.

## Senate executive reports

Senate executive report, 91st Congress, 2d session.

- 13575 22. Nomination of Laurence H. Silberman, Report from Committee on Labor and Public Welfare to accompany nomination of Laurence H. Silberman. Aug. 28, 1970. 3 p. † Y 1.91/2: rp.22

## Senate reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

Senate reports on private bills, 91st Congress. † Senate Document Room, Capitol. ● Item 1008-B

- 13576 997. Conveyance of certain public land held under color of title. Report from Committee on Interior and Insular Affairs to accompany H.R. 5365, July 1, 1970. 15 p. [Bill amended by substituting name of Adelaide Gaines for Jessie L. Gaines.]
- 13577 1017. James E. Miller. Report from Committee on Judiciary to accompany S.878, July 15, 1970. 3 p.
- 13578 1018. Donald E. McGonegal. Report from Committee on Judiciary to accompany S.1422, July 15, 1970. 3 p.
- 13579 1019. William H. Morning. Report from Committee on Judiciary to accompany S.1804, July 15, 1970. 3 p.
- 13580 1020. Milton Kyhos. Report from Committee on Judiciary to accompany S.2104, July 15, 1970. 7 p.
- 13581 1021. Ruth E. Calvert. Report from Committee on Judiciary to accompany S.3138, July 15, 1970. 4 p.
- 13582 1022. Donald N. O'Callaghan. Report from Committee on Judiciary to accompany S.2755, July 15, 1970. 13 p.

‡For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 35

# GOVERNMENT PUBLICATIONS

## Senate reports on private bills, 91st Congress—Continued

- 13583 1023. John Borbridge, jr. Report from Committee on Judiciary to accompany S.2854, July 15, 1970, 4 p.
- 13584 1024. James Glen Ramsey. Report from Committee on Judiciary to accompany S.311, July 15, 1970, 12 p.
- 13585 1035. S. Sgt. Lawrence F. Payne. Report from Committee on Judiciary to accompany H.R. 14619, July 24, 1970, 5 p.
- 13586 1044. Capt. Meivin A. Kaye. Report from Committee on Judiciary to accompany H.R. 1453, July 30, 1970, 5 p.
- 13587 1045. Jack Brown. Report from Committee on Judiciary to accompany H.R. 1697, July 30, 1970, 8 p.
- 13588 1046. Clayton County Journal and Wilber Harris. Report from Committee on Judiciary to accompany H.R. 1703, July 30, 1970, 4 p.
- 13589 1047. Capt. Norman W. Stanley. Report from Committee on Judiciary to accompany H.R. 1728, July 30, 1970, 6 p.
- 13590 1048. Carlo DeMarco. Report from Committee on Judiciary to accompany H.R. 2209, July 30, 1970, 3 p.
- 13591 1049. John T. Anderson. Report from Committee on Judiciary to accompany H.R. 2241, July 30, 1970, 5 p.
- 13592 1050. Elbert C. Moore. Report from Committee on Judiciary to accompany H.R. 2407, July 30, 1970, 11 p.
- 13593 1051. Frank J. Earlight. Report from Committee on Judiciary to accompany H.R. 2458, July 30, 1970, 3 p.
- 13594 1052. Comdr. John W. McCord. Report from Committee on Judiciary to accompany H.R. 2481, July 30, 1970, 5 p.
- 13595 1054. Thomas A. Smith. Report from Committee on Judiciary to accompany H.R. 3558, July 30, 1970, 3 p.
- 13596 1055. Robert G. Smith. Report from Committee on Judiciary to accompany H.R. 3723, July 30, 1970, 3 p.
- 13597 1056. Albert J. Jameson, jr. Report from Committee on Judiciary to accompany H.R. 5337, July 30, 1970, 5 p.
- 13598 1057. Amalia P. Montero. Report from Committee on Judiciary to accompany H.R. 6375, July 30, 1970, 5 p.
- 13599 1058. Lt. Col. Earl Spofford Brown. Report from Committee on Judiciary to accompany H.R. 6377, July 30, 1970, 7 p.
- 13600 1059. Maj. Clyde Nichols (retired). Report from Committee on Judiciary to accompany H.R. 6850, July 30, 1970, 7 p.
- 13601 1060. Thomas J. Condon. Report from Committee on Judiciary to accompany H.R. 9092, July 30, 1970, 6 p.
- 13602 1061. Elgie L. Tabor. Report from Committee on Judiciary to accompany H.R. 9591, July 30, 1970, 7 p.
- 13603 1062. Walter L. Parker. Report from Committee on Judiciary to accompany H.R. 10662, July 30, 1970, 4 p.
- 13604 1063. T. Sgt. Peter Elias Glanutos, U.S. Air Force (retired). Report from Committee on Judiciary to accompany H.R. 11890, July 30, 1970, 7 p.
- 13605 1064. Bly D. Dickson, jr. Report from Committee on Judiciary to accompany H.R. 12176, July 30, 1970, 5 p.
- 13606 1065. Russell L. Chandler. Report from Committee on Judiciary to accompany H.R. 12622, July 30, 1970, 4 p.
- 13607 1066. John A. Aydeef. Report from Committee on Judiciary to accompany H.R. 12887, July 30, 1970, 5 p.
- 13608 1068. Capt. Jackie D. Burgess. Report from Committee on Judiciary to accompany H.R. 8470, July 30, 1970, 6 p.
- 13609 1095. Arie Abramovich. Report from Committee on Judiciary to accompany S. 1943, Aug. 12, 1970, 6 p.
- 13610 1096. Dr. Nahid Mansoori Diaz. Report from Committee on Judiciary to accompany S. 3702, Aug. 12, 1970, 6 p.
- 13611 1097. Reynaldo Canlas Beecher. Report from Committee on Judiciary to accompany S. 3706, Aug. 12, 1970, 9 p.
- 13612 1098. Mrs. Pang Tai Tai. Report from Committee on Judiciary to accompany S. 3853, Aug. 12, 1970, 4 p.
- 13613 1099. Eagle Lake Timber Co., a partnership, of Susanville, Calif. Report from Committee on Judiciary to accompany H.R. 1749, Aug. 12, 1970, 11 p.
- 13614 1100. Anan Eldredge. Report from Committee on Judiciary to accompany H.R. 2849, Aug. 12, 1970, 6 p.
- 13615 1102. Tae Pung Hills. Report from Committee on Judiciary to accompany H.R. 12400, Aug. 12, 1970, 6 p.
- 13616 1103. Conferring U.S. citizenship posthumously upon Jose Guadalupe Esparza-Montoya. Report from Committee on Judiciary to accompany H.R. 12446, Aug. 12, 1970, 2 p.
- 13617 1104. Gloria Jara Haase. Report from Committee on Judiciary to accompany H.R. 12959, Aug. 12, 1970, 12 p.
- 13618 1108. Mrs. Maria Eloisa Pardo Hall. Report from Committee on Judiciary to accompany H.R. 13895, Aug. 12, 1970, 6 p.
- 13619 1113. Capt. Claire E. Bron. Report from Committee on Judiciary to accompany S. 3419, Aug. 12, 1970, 36 p.
- 13620 1115. Keum Ja Franks. Report from Committee on Judiciary to accompany H.R. 2043, Aug. 12, 1970, 8 p.
- 13621 1116. Lt. Col. Robert I. Poehlein. Report from Committee on Judiciary to accompany H.R. 13810, Aug. 12, 1970, 9 p.
- 13622 1117. Johnny Mason, jr. (Johnny Trinidad Mason, jr.) Report from Committee on Judiciary to accompany S. 3529, Aug. 12, 1970, 7 p.

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

# OCTOBER 1970

Senate reports on public bills, 91st Congress. † Senate Document Room, Capitol. (No. 1124 is sold by Superintendent of Documents.) ● Item 1008-A

- 13623 790. Amending sec. 3006A of title 18, United States Code. Report from Committee on Judiciary to accompany S. 1461. Apr. 23, 1970. 20 p.
- 13624 897. Amending sec. 11 of act approved Aug. 4, 1950, entitled Act relating to policing of buildings and grounds of Library of Congress. Report from Committee on Rules and Administration to accompany H.R. 12619. May 27, 1970. 2 p.
- 13625 898. Extending for 4 years existing authority for erection in District of Columbia of memorial to Mary McLeod Bethune. Report from Committee on Rules and Administration to accompany H.J. Res. 1069. May 27, 1970. 2 p.
- 13626 899. Authorizing printing of compilation entitled Federal and State student aid programs, as Senate document. Report from Committee on Rules and Administration to accompany S. Con. Res. 61. May 27, 1970. 2 p.
- 13627 901. To print annual report of National Forest Reservation Commission as Senate document. Report from Committee on Rules and Administration to accompany S. Res. 402. 2 p.
- 13628 902. Authorizing additional expenditures by Committee on Interior and Insular Affairs. Report from Committee on Rules and Administration to accompany S. Res. 408. May 27, 1970. 2 p.
- 13629 903. To print as Senate document materials relating to S. Con. Res. 49 (congressional recognition of Goddard Rocket and Space Museum). Report from Committee on Rules and Administration to accompany S. Res. 406. May 27, 1970. 2 p.
- 13630 904. Providing for printing as House document tributes of members of Congress to service of Chief Justice Earl Warren. Report from Committee on Rules and Administration to accompany H. Con. Res. 537. May 27, 1970. 1 p.
- 13631 905. Authorizing reprinting of compilation of works of art and other objects in United States Capitol, as House document and for other purposes. Report from Committee on Rules and Administration to accompany H. Con. Res. 573. May 27, 1970. 1 p.
- 13632 906. Relative to printing as House document history of Committee on Agriculture. Report from Committee on Rules and Administration to accompany H. Con. Res. 584. May 27, 1970. 1 p.
- 13633 907. Authorizing certain printing for Committee on Veterans Affairs. Report from Committee on Rules and Administration to accompany H. Con. Res. 585. May 27, 1970. 1 p.
- 13634 908. Authorizing printing of additional copies of House report 91-610, entitled Report of special study mission to southern Africa. Report from Committee on Rules and Administration to accompany H. Con. Res. 520. May 27, 1970. 1 p.
- 13635 909. Authorizing certain printing for Select Committee on Crime. Report from Committee on Rules and Administration to accompany H. Con. Res. 580. May 27, 1970. 1 p.
- 13636 910. Authorizing compilation and printing of revised edition of Biographical directory of American Congress (1774-1970). Report from Committee on Rules and Administration to accompany S. Con. Res. 70. May 27, 1970. 1 p. [Corrected print.]
- 13637 927. Extending leave for members of uniformed services in hostile fire areas. Report from Committee on Armed Services to accompany S. 3948. June 11, 1970. 4 p.
- 13638 936. Authorizing land conveyance to Central Dakota Nursing Home. Report from Committee on Interior and Insular Affairs to accompany S. 2209. June 13, 1970. 5 p.
- 13639 959. Continuing appropriations, 1971. Report from Committee on Appropriations to accompany H.J. Res. 1264. June 24, 1970. 2 p.
- 13640 966. Western Interstate nuclear compact. Report from Committee on Judiciary to accompany S. 1628. June 25, 1970. 7 p.
- 13641 967. Providing for holding of court in Gulfport in southern division of southern district of Mississippi. Report from Committee on Judiciary to accompany S. 3122. June 25, 1970. 3 p.
- 13642 972. Amending sec. 2734, 2733, and 715 of title 10, United States Code, to authorize Secretary concerned to make partial payments on certain claims which are certified to Congress. Report from Committee on Judiciary to accompany H.R. 4247. June 25, 1970. 7 p.
- 13643 975. Mid-Atlantic States air pollution control compact. Report from Committee on Judiciary to accompany S.J. Res. 53. June 25, 1970. 18 p. L.C. card 70-608191
- 13644 976. American Revolution Bicentennial Commission. Report from Committee on Judiciary to accompany S. 3630. June 25, 1970. 10 p.
- 13645 985. Interior Department and related agencies appropriations bill, 1971. Report from Committee on Appropriations to accompany H.R. 17619. June 26, 1970. 49 p.
- 13646 991. Authorizing Secretary of Interior to construct, operate, and maintain Narrows unit, Missouri River Basin project, in Colorado. Report from Committee on Interior and Insular Affairs to accompany S. 3547. June 29, 1970. 10 p.
- 13647 992. Rental of space for accommodation of District of Columbia agencies and activities. Report from Committee on District of Columbia to accompany S. 3649. June 29, 1970. 6 p.

◆For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 37

## GOVERNMENT PUBLICATIONS

### Senate reports on public bills, 91st Congress—Continued

- 13648 994. Authorizing Secretary of Interior to enter into contracts for protection of public lands from fires, in advance of appropriations therefor, and to twice renew such contracts. Report from Committee on Interior and Insular Affairs to accompany S. 3777. June 30, 1970. 5 p.
- 13649 1000. Removing cloud on titles of certain property located in Malin, Oreg. Report from Committee on Interior and Insular Affairs to accompany H.R. 2036. July 6, 1970. 3 p.
- 13650 1001. Extending Classification and multiple use act and Public land sale act. Report from Committee on Interior and Insular Affairs to accompany S. 3728. July 6, 1970. 6 p.
- 13651 1002. Health training improvement act of 1970. Report from Committee on Labor and Public Welfare to accompany S. 3586. July 6, 1970. 39 p.  
L.C. card 77-608324
- 13652 1003. Conveyance of real property to Board of Public Instruction, Okaloosa County, Fla. Report from Committee on Armed Services to accompany H.R. 7618. July 7, 1970. 5 p.
- 13653 1004. Expanding, improving, and better coordinating family planning services and population research activities of Federal Government. Report from Committee on Labor and Public Welfare to accompany S. 2108. July 7, 1970. 21 p.
- 13654 1006. Civil Rights Commission authorization. Report together with individual and additional views from Committee on Judiciary to accompany S. 2455. July 8, 1970. 24 p.
- 13655 1007. Amending National sea grant college and program act of 1966. Report from Committee on Commerce to accompany S. 2293. July 8, 1970. 6 p.
- 13656 1008. Amending Marine resources and engineering development act of 1966. Report from Committee on Commerce to accompany S. 3617. July 8, 1970. 9 p.
- 13657 1010. Flying of American flag over remains of U.S.S. Utah at Pearl Harbor, Hawaii. Report from Committee on Armed Services to accompany S. 583. July 9, 1970. 3 p.
- 13658 1011. Land acquisition within Everglades National Park. Report from Committee on Interior and Insular Affairs to accompany S. 2565. July 9, 1970. 7 p.
- 13659 1013. Authorizing Secretary of Interior to establish volunteers in park program. Report from Committee on Interior and Insular Affairs to accompany H.R. 12758. July 10, 1970. 6 p.
- 13660 1014. Improving administration of National park system by Secretary of Interior, and clarifying authorities applicable to system, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany S. 2985. July 10, 1970. 14 p.
- 13661 1015. Canal Zone government, cash relief. Report from Committee on Armed Services to accompany H.R. 7517. July 13, 1970. 5 p.
- 13662 1025. Election reform act of 1970. Report of Committee on Rules and Administration to accompany S. 734; July 15, 1970. 1970. iii+27 p.  
L.C. card 70-608439
- 13663 1026. Providing for designation of special policemen at Government Printing Office, and for other purposes. Report from Committee on Rules and Administration to accompany H.R. 14452. July 15, 1970. 4 p.
- 13664 1027. Authorizing Public Printer to grant time off as compensation for overtime worked by certain employees of Government Printing Office. Report from Committee on Rules and Administration to accompany H.R. 14463. July 15, 1970. 3 p.
- 13665 1030. Authorizing act of Aug. 22, 1949 (Stat. 623) so as to authorize Board of Regents of Smithsonian Institution to plan and construct museum support and depository facilities. Report from Committee on Rules and Administration to accompany S. 209. July 15, 1970. 3 p.
- 13666 1031. Amending secs. 5580 and 5581 of revised statutes to provide for additional members of Board of Regents of Smithsonian Institution. Report from Committee on Rules and Administration to accompany H.R. 14213. July 15, 1970. 4 p.
- 13667 1032. Designate navigation lock on Sacramento deepwater ship channel in State of California as William G. Stone Navigation Lock. Report from Committee on Public Works to accompany S. 3192. July 17, 1970. 2 p.
- 13668 1034. Resource recovery act of 1970. Report of Committee on Public Works together with individual view to accompany S. 2005. July 23, 1970. 1970. iii+41 p.  
L.C. card 75-608467
- 13669 1036. Extension of High-speed ground transportation act. Report of Senate Committee on Commerce on S. 3730 (together with individual views); July 28, 1970. 1970. iii+44 p.
- 13670 1037. District of Columbia freeway airspace utilization. Report from Committee on District of Columbia to accompany S. 3647. July 28, 1970. 7 p.
- 13671 1038. Improvements in administration of District of Columbia health services. Report from Committee on District of Columbia to accompany S. 3648. July 28, 1970. 6 p.
- 13672 1039. Flammable fabrics act amendments. Report from Committee on Commerce together with individual views to accompany S. 3765. July 29, 1970. 21 p.
- 13673 1040. Fire research and safety act authorization. Report from Committee on Commerce to accompany S. 3766. July 29, 1970. 4 p.
- 13674 1041. Continuing appropriations. 1971. Report from Committee on Appropriations to accompany H.J. Res. 1328. July 29, 1970. 3 p.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 13675 1042. Ohio Northern University commemorative medals. Report from Committee on Banking to Currency to accompany H.R. 15118. July 30, 1970. 3 p.
- 13676 1043. International biological program. Report from Committee on Labor and Public Welfare to accompany H.J. Res. 589. July 30, 1970. 7 p.
- 13677 1069. Comprehensive alcohol abuse and alcoholism prevention, treatment, and rehabilitation act of 1970. Report from Committee on Labor and Public Welfare to accompany S. 3835. Aug. 3, 1970. 38 p.
- 13678 1070. Demonstration elementary school for the deaf. Report from Committee on Labor and Public Welfare to accompany S. 4083. Aug. 5, 1970. 5 p.
- 13679 1071. Family practice of medicine act of 1970. Report from Committee on Labor and Public Welfare to accompany S. 3418. Aug. 5, 1970. 15 p.
- 13680 1072. Amending act of Oct. 15, 1966 (80 Stat. 953; 20 U.S.C. 65a), relating to National Museum of Smithsonian Institution, so as to authorize additional appropriations to Smithsonian Institution for carrying out purposes of said act. Report from Committee on Rules and Administration to accompany S. 704. Aug. 5, 1970. 4 p.
- 13681 1073. To print as Senate document report Manpower and training needs for air pollution control. Report from Committee on Rules and Administration to accompany S. Res. 431. Aug. 5, 1970. 2 p.
- 13682 1074. Authorizing printing of additional copies of pt. 1 of hearings by Committee on Commerce on Consumer protection. Report from Committee on Rules and Administration to accompany S. Res. 437. Aug. 5, 1970. 2 p.
- 13683 1075. Authorizing printing of additional copies of pt. 2 of hearings by Committee on Commerce on Consumer protection. Report from Committee on Rules and Administration to accompany S. Res. 438. Aug. 5, 1970. 1 p.
- 13684 1076. Authorization to fix certain fees. Report from Committee on District of Columbia to accompany S. 3906. Aug. 10, 1970. 4 p.
- 13685 1077. Taxation by District of Columbia regulated investment companies. Report Aug. 10, 1970. 3 p.
- 13686 1078. Water and sanitary sewer rates. Report from Committee on District of Columbia to accompany S. 3905. Aug. 10, 1970. 14 p.
- 13687 1079. District of Columbia Federal payment authorization act of 1970. Report from Committee on District of Columbia to accompany S. 3903. Aug. 10, 1970. 4 p.
- 13688 1080. Merchant marine program. Report with additional views from Committee on Commerce to accompany H.R. 15424. Aug. 10, 1970. 133 p. li.
- 13689 1083. Implementing convention on offenses and certain other acts committed on board aircraft. Report from Committee on Commerce to accompany S. 2176. Aug. 10, 1970. 7 p.
- 13690 1084. Bank holding company act amendments of 1970. Report together with supplementary and individual views to accompany H.R. 6778. Aug. 10, 1970. lii+48 p.
- 13691 1086. Authorizing retired officers of U.S. Navy to command U.S.S. Constitution (IX-21). Report from Committee on Armed Services to accompany H.R. 8662. Aug. 11, 1970. 3 p.
- 13692 1087. Authorizing interservice transfers of Coast Guard Officers. Report from Committee on Armed Services to accompany H.R. 9052. Aug. 11, 1970. 3 p.
- 13693 1088. Authorizing U.S. flags to be presented to parents of deceased servicemen. Report from Committee on Armed Services to accompany H.R. 13195. Aug. 11, 1970. 7 p.
- 13694 1091. Providing special health care benefits for certain surviving dependents. Report from Committee on Armed Services to accompany S. 4148. Aug. 12, 1970. 7 p.
- 13695 1092. Civil service retirement. Report from Committee on Post Office and Civil Service to accompany S. 457. Aug. 12, 1970. 17 p.
- 13696 1111. Amending sec. 355 of revised statutes, as amended, concerning approval by Attorney General of title to lands acquired for or on behalf of United States, and for other purposes. Report from Committee on Judiciary to accompany H.R. 15374. Aug. 12, 1970. 12 p.
- 13697 1118. Public works for water, pollution control, and power development and Atomic Energy Commission appropriation bill, 1971. Report from Committee on Appropriations to accompany H.R. 18127. Aug. 12, 1970. 67 p.
- 13698 1120. National Clown Week. Report from Committee on Judiciary to accompany H.J. Res. 236. Aug. 13, 1970. 2 p.
- 13699 1122. Commission on Organization of Government of District of Columbia and Delegate to House of Representatives from District of Columbia. Report from Committee on District of Columbia to accompany H.R. 18725. Aug. 13, 1970. 36 p.
- 13700 1123. Direct popular election of the President. Report together with individual, separate, and minority views from Committee on Judiciary to accompany S.J. Res. 1. Aug. 14, 1970. 55 p.
- 13701 1124. Consumer protection act. Report of Committee on Commerce on S. 3201 (together with individual, separate, and supplemental views) to amend Federal Trade Commission act to provide increased protection for consumers, and for other purposes; Aug. 14, 1970. 1970. lii+90 p. \* Paper, 40c.
- 13702 1127. Repealing act of Aug. 25, 1959, with respect to final disposition of affairs of Choctaw Tribe. Report from Committee on Interior and Insular Affairs to accompany H.R. 15866. Aug. 18, 1970. 5 p.

◆For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 39

## GOVERNMENT PUBLICATIONS

### Senate reports on public bills, 91st Congress—Continued

- 13703 1128. Federal share insurance for credit unions. Report of Committee on Banking and Currency to accompany S. 3822, Aug. 19, 1970. 1970. iii+24 p.  
13704 1136. Employment and training opportunities act of 1970. Report of Committee on Labor and Public Welfare on S. 3867, together with supplemental and individual views; Aug. 20, 1970. 1970. [1]+135 p. ll.

### *Aeronautical and Space Sciences Committee, Senate* Washington, DC 20510

- 13705 Apollo 13 mission review, hearing, 91st Congress, 2d session, June 30, 1970. 1970. iii+121 p. † ● Item 1032  
L.C. card 74-608405 Y 4.Ae 8: Ap 4/4

### *Aging, Special Committee on, Senate* Washington, DC 20510

- Economics of aging, toward a full share in abundance, hearing, 91st Congress, 1st session. ● Item 1009  
L.C. card 76-603995 Y 4.Ag 4: Ec 7/pt. (nos.)  
13706 pt. 8. National organizations, Washington, D.C., Oct. 29, 1969. 1970. iv+1085-1158 p. ll. \* Paper, 30c.  
pt. 9. Employment aspects, Washington, D.C., Dec. 18-19, 1969. 1970. iv+1159-1423 p. \* Paper, \$1.00.

### *Agriculture and Forestry Committee, Senate* Washington, DC 20510

- 13707 Inspection of meat imports, hearings, before Subcommittee on Agricultural Research and General Legislation, 91st Congress, 2d session, on S. 3942 and S. 3987 and S. Con. Res. 73, July 16 and 17, 1970. 1970. iii+132 p. † ● Item 1032  
L.C. card 77-608332 Y 4.Ag 8/2: M 46/7

### *Appropriations Committee, Senate* Washington, DC 20510

- 13708 Department of State, Justice, and Commerce, the judiciary, and related agencies appropriations for fiscal year 1971, hearings before subcommittee, 91st Congress, 2d session, on H.R. 17575. 1970. ii+1085+xxviii p. ll. † ● Item 1033  
L.C. card 70-608778 Y 4.Ap 6/2: St 2/971  
13709 Public works for water, pollution control, and power development and Atomic Energy Commission appropriations, fiscal year 1971, hearings before subcommittee, 91st Congress, 2d session, on H.R. 18127. † ● Item 1033  
L.C. card 73-608035 Y 4.Ap 6/2: P 96/3/971/pt.1/ (nos.)  
[pt. 1, v. 2]. [Civil functions, Department of Army.] 1970. ii+1259-2296+xxxviii p.  
[pt. 2]. [Department of Interior, Bureau of Reclamation, Office of Secretary, Federal Water Quality Administration.] 1970. ii+921+xxviii p. ll.  
[pt. 3, v. 1]. [Alaska Power Administration, Interior, Bonneville Power Administration, Interior, Delaware River Basin Commission, National Water Commission, Panama Canal, Southeastern Power Administration, Interior, Southwestern Power Administration, Interior, Tennessee Valley Authority, underground electric power transmission research, Interior, Water Resources Council.] 1970. ii+863+xxii p. ll.  
[pt. 4, v. 1]. [Nondepartmental witnesses.] 1970. ii+1467+xxxviii p. ll.  
[pt. 4, v. 2]. [Nondepartmental witnesses.] 1970. ii+1469-2608+xxxviii p. ll.  
[pt. 5]. [Appeals and agencies capabilities.] 1970. ii+394+xvi p.  
13710 Treasury, Post Office, and Executive Office appropriations for fiscal year 1971, hearings before subcommittee, 91st Congress, 2d session, on H.R. 16900. 1970. ii+1466+xxiii p. ll. † ● Item 1033  
L.C. card 74-608882 Y 4.Ap 6/2: T 71/971

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 13711 Treasury, Post Office, and Executive Office appropriations for fiscal year 1971, hearings before subcommittee, 91st Congress, 2d session, on H.R. 16900: [Addendum to hearings, Office of Management and Budget, Executive Office of the President]. 1970. ii+1467-98 p. † ● Item 1033  
L.C. card 74-608882 Y 4.Ap 6/2: T 71/971/add.

## **Armed Services Committee, Senate** Washington, DC 20510

- 13712 Nomination of Dr. Louis M. Rousselot to be Assistant Secretary of Defense (Health and Environment), hearing, 91st Congress, 2d session on nomination of Louis M. Rousselot to be Assistant Secretary of Defense, July 9, 1970. 1970. ii+16 p. † ● Item 1034  
L.C. card 71-608328 Y 4.Ar 5/3: R 76
- 13713 Report of Joint Senate-House Armed Services Subcommittee on CVAN-70 aircraft carrier (appointed pursuant to sec. 402(a) Public law 91-121), together with minority views; Apr. 22, 1970. 1970. ii+5 p. (Joint subcommittee print, 91st Congress, 2d session.) †  
L.C. card 70-607005 Y 4.Ar 5/3: A1 7/13
- 13714 Thailand servicemen's club activities, hearing before Subcommittee on Thailand Servicemen's Club Activities, 91st Congress, 2d session, on allegations of kickbacks and other possible irregularities in nonappropriated fund Air Force officer and noncommissioned officer clubs in Thailand, June 10, 1970. 1970. vii+73 p. † ● Item 1034  
L.C. card 73-608488 Y 4.Ar 5/3: T 32

## **Banking and Currency Committee, Senate** Washington, DC 20510

- 13715 Federal Broker-Dealer Insurance Corporation, hearings before Subcommittee on Securities, 91st Congress, 2d session, on S. 2348, S. 3988, and S. 3989, Apr. 16-July 16, 1970. 1970. vi+320 p. † ● Item 1035  
L.C. card 73-608331 Y 4.B 22/3: F 31/49
- 13716 Housing and urban development legislation of 1970, hearings before Subcommittee on Housing and Urban Affairs, 91st Congress, 2d session. † ● Item 1035  
L.C. card 70-608699 Y 4.B 22/3: H 81/55/970/pt. (nos.)  
pt. 1. July 13-23, 1970. 1970. xix+1+954 p. ii.  
pt. 2. July 24-30, 1970, and appendix. 1970. xix+955-1844 p.

## **Commerce Committee, Senate** Washington, DC 20510

[Committee hearings] serial, 91st Congress. † ● Item 1041  
L.C. card 76-606946 Y 4.C 73/2: 91(nos.)

- 13717 48. Consumer protection, hearings before Consumer Subcommittee, 91st Congress, 2d session, on S. 2242 S. 3092, and S. 3201.  
pt. 2 Mar. 17-Apr. 9, 1970. 1970. iv+221-533 p. ii.
- 13718 62. Advisory commission to study freight rates, hearings before Subcommittee on Surface Transportation, 91st Congress, 2d session, on S. 2355, Mar. 17-19, 1970. 1970. iv+154 p.  
L.C. card 77-608403
- 13719 63. Nominations, hearings, 91st Congress, 2d session, on nominations of James A. Palmer, Ellis L. Perry, John F. Thompson, Jr., Edward D. Scheiderer, and Albert A. Heckman, U.S. Coast Guard to be Rear Admirals; Charles Duane Baker, to be Assistant Secretary of Transportation for Policy and International Affairs; Robert H. Cannon, Jr. to be Assistant Secretary for Advanced Systems Development and Technology, Department of Transportation; Kenneth Myers Smith to be Deputy Administrator, Federal Aviation Administration, Department of Transportation; John Nicholas Nassikas, for reappointment as Federal Power Commission Commissioner; Chester R. Bender, to be Commandant of U.S. Coast Guard, Department of Transportation; Helen Delich Bentley, for reappointment to be Federal Maritime Commissioner; and Thomas R. Sargent III to be Assistant Commandant of U.S. Coast Guard with rank of Vice Admiral, Feb. 19-May 26, 1970. 1970. iii+69 p.  
L.C. card 78-608327

✦For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

## GOVERNMENT PUBLICATIONS

### [Committee hearings] serial, 91st Congress—Continued

- 13720 64. High-speed ground transportation, hearing before Subcommittee on Surface Transportation, 91st Congress, 2d session, on S. 3730, June 4, 1970. 1970. iii+29 p.  
L.C. card 75-608396
- 13721 65. Through routes and joint rates hearings before Subcommittee on Surface Transportation, 91st Congress, 2d session, on S. 2245 and S. 3626, Mar. 6-June 11, 1970. 1970. iv+113 p.  
L.C. card 71-608395
- 13722 66. Exemption of certain wages and salaries, hearings, 91st Congress 2d session, on S. 2044, Mar. 3 and 4, 1970. 1970. iv+168 p.  
L.C. card 72-608398
- 13723 68. Freight car shortages, hearings before Special Freight Car Shortage Subcommittee, 91st Congress, 2d session, on S. 3223 [and] S. 3334, Mar. 24-Apr. 1, 1970. 1970. vi+536 p. il.  
L.C. card 70-608700
- 13724 69. National transportation act, hearings, 91st Congress, 2d session, on S. 924 and S. 2425, Feb. 26-May 12, 1970. 1970. iv+401 p. il.  
L.C. card 76-608573
- 13725 70. Special study on United Nations suboceanic lands policy, hearings, 91st Congress, 1st session, Sept. 23-Nov. 21, 1969. 1970. iii+186 p.  
L.C. card 71-608691

### *Equal Educational Opportunity, Select Committee on, Senate*

Washington, DC 20510

NOTE.—The Select Committee on Equal Educational Opportunity was established by S. Res. 359, 91st Cong., agreed to Feb. 19, 1970.

- 13726 Equal educational opportunity, hearings, 91st Congress, 2d session, Apr. 20-May 12, 1970. • Item 1009  
L.C. card 70-608401 Y 4.Eq 2:Eq 2/pt. (nos.)
- pt. 1A. Equality of educational opportunity, introduction. 1970. v+1-413 p.  
il. • Paper, \$1.50.
- pt. 1B. Equality of educational opportunity, appendix. iii+415-741 p. • Paper, \$1.25.

### *Finance Committee, Senate*

Washington, DC 20510

- 13727 Material related to H.R. 16311 [Family assistance act of 1970], prepared by staff; Apr. 29, 1970. 1970. ii+51 p. il. (Committee print, 91st Congress, 2d session.) ‡  
L.C. card 70-60742 3 Y 4.F 49: F 21/4
- 13728 Medicare and medicaid, hearings before Subcommittee on Medicare-Medicaid, 91st Congress, 2d session.  
pt. 2. Apr. 14-June 16, 1970. 1970. ix+193-846 p. il. • Paper, \$2.75. • Item 1038  
L.C. card 78-606566 Y 4.F 49: M 46/4/970/pt.2
- 13729 Tax reform act of 1969, hearings, 91st Congress, 1st session, on H.R. 13270.  
pt. 7. Complete contents and index to hearings; summary of H.R. 13270 as reported by Committee on Finance; written testimony received, foundations, various subjects. 1969. lxi+ [6183]-6777+xii p. • Paper, \$2.75.  
• Item 1038  
L.C. card 73-608875 Y 4.F 49: T 19/27/pt.7
- 13730 Tax reform act of 1969, table of contents for committee amendment to H.R. 13270; Nov. 24, 1969. 1969. vii p. (Committee print, 91st Congress, 1st session.) ‡ Y 4.F 49: T 19/35

### *Foreign Relations Committee, Senate*

Washington, DC 20510

- 13731 Background information relating to Southeast Asia and Vietnam; June 1970. 6th revised edition. 1970. vii+455 p. (Committee print, 91st Congress, 2d session.) † • Paper, \$1.75.  
L.C. card 72-608887 Y 4.F 76/2: V 67/5/970
- Impact of war in southeast Asia on U.S. economy, hearings, 91st Congress, 2d session.
- 13732 pt. 2. Apr. 28-Aug. 13, 1970. 1970. iv+123-458 p. il. • Paper, \$1.25. • Item 1039  
L.C. card 70-607454 Y 4.F 76/2: As 4/11/pt. 2

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

13733 Inter-American Development Bank act amendment, hearing, 91st Congress, 2d session, on S. 3934, July 9, 1970. 1970. iii+82 p. † ● Item 1039  
L.C. card 76-608506 Y 4.F 76/2: In 8/28/970

13734 Reporting requirements in legislation on foreign relations, study of provisions of law requiring reports to Congress in foreign relations field [prepared by [Ellen C. Collier], Foreign Affairs Division, Legislative Reference Service, Library of Congress; Feb. 1970. 1970. vii+53 p. (Committee print, 91st Congress, 2d session.) ‡  
L.C. card 72-607429 Y 4.F 76/2: F 76/26

United States security agreement and commitments abroad, hearings before Subcommittee on United States Security Agreements and Commitments Abroad, 91st Congress, 2d session.

13735 pt. 5. Japan and Okinawa, Jan. 26-29, 1970. 1970. iv+1147-1525 p. il. map.  
† ● Item 1039 Y 4.F 76/2: Se 2/pt.5  
L.C. card 70-604496

## **Government Operations Committee, Senate** Washington, DC 20510

13736 Council of Health Advisers, hearing before Subcommittee on Executive Reorganization and Government Research, 91st Congress, 2d session, on S. 2898, Feb. 24, 1970. 1970. iv+140 p. il. † ● Item 1037  
L.C. card 73-608402 Y 4.G 74/6: H 34/7

Intergovernmental coordination of Power development and environmental protection act, hearings before Subcommittee on Intergovernmental Relations, 91st Congress, 2d session, on S. 2752.

13737 pt. 1. Feb. 3-Mar. 3, 1970. 1970. v+446 p. il. [Hearings held in Washington, D.C., and Annapolis, Md.] \* Paper, \$1.75. ● Item 1037  
L.C. card 76-608581 Y 4.G 74/6: In 8/10/pt.1

13738 International negotiation, American shortcomings in negotiation with Communist powers [by Fred Charles Iklé], memorandum prepared at request of Subcommittee on National Security and International Operations (pursuant to S. Res. 311, 91st Cong.). 1970. v+17 p. (Committee print, 91st Congress, 2d session.) ‡  
L.C. card 70-608322 Y 4.G 74/6: N 31/3

TFX contract investigation (2d series), hearings before Permanent Subcommittee Investigations, 91st Congress, 2d session, pursuant to S. Res. 308, 91st Congress.

13739 pt. 3. Apr. 15-28, 1970. 1970. iv+465-705 p. † ● Item 1037  
L.C. card 71-607209 Y 4.G 74/6: T 11/970/pt.3

## **Interior and Insular Affairs Committee, Senate** Washington, DC 20510

13740 Capitol Reef and Arches National Parks, hearing before Subcommittee on Parks and Recreation, 91st Congress, 2d session, on S. 531 [and] S. 532, May 28, 1970. 1970. iii+49 p. † ● Item 1040  
L.C. card 70-608330 Y 4.In 8/13: C 17 r

13741 Classification and multiple use and public land sale acts, hearing before Subcommittee on Public Lands, 91st Congress, 2d session, on S. 3390, S. 3391, and S. 3728, June 12, 1970. 1970. iii+21 p. † ● Item 1040  
L.C. card 78-608394 Y 4.In 8/13: P 96/11

13742 Minot extension project, hearing before Subcommittee on Water and Power Resources, 91st Congress, 2d session, on S. 2808, June 30, 1970. 1970. iii+43 p. il. † ● Item 1040  
L.C. card 71-608561 Y 4.In 8/13: M 66/35

13743 Wilderness areas in Oklahoma, Florida, Georgia, and Arizona, Toiyabe National Forest, hearing before Subcommittee on Public Lands, 91st Congress, 2d session, on S. 3222, S. 709, and S. 3279, Apr. 9, 1970. 1970. iv+64 p. † ● Item 1040  
L.C. card 70-608507 Y 4.In 8/13: W 64/5

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## *Judiciary Committee, Senate* Washington, DC 20510

- 13744 Communist threat to United States through the Caribbean, hearings before Subcommittee to Investigate Administration of Internal Security Act and Other Internal Security Laws, 91st Congress, 2d session.  
pt. 21. Coast Guard policy and operations with respect to foreign vessel activities in or near U.S. waters off Florida, June 30, 1970. 1970. ii+1459-1522 p. il. † ● Item 1042  
L.C. card 59-61823 Y 4.J 89/2: C 73/27/pt.21
- 13745 Congressional oversight of administrative agencies (National Labor Relations Board), report made by its Subcommittee on Separation of Powers together with individual and additional views. 1970. ii+65 p. (Committee print, 91st Congress, 1st session.) ‡  
L.C. card 74-607424 Y 4.J 89/2: N 21/4
- 13746 "Equal rights" amendment, hearings before Subcommittee on Constitutional Amendments, 91st Congress, 2d session, on S.J. Res. 61, May 5-7, 1970. 1970. vii+793 p. \* Paper, \$3.25. ● Item 1042  
L.C. card 71-608876 Y 4.J 89/2: Eq 2/6/970
- 13747 Extent of subversion in "New Left", hearings before Subcommittee to Investigate Administration of Internal Security Act and Other Internal Security Laws, 91st Congress, 2d session.  
pt. 3. Testimony of Marjorie King and Mike Soto, Mar. 31, 1970. 1970. iii+187-236+ viii p. \* Paper, 30c. ● Item 1042  
L.C. card 73-606948 Y 4.J 89/2: L 52/3/pt.3
- 13748 Lowering voting age to 18, hearings before Subcommittee on Constitutional Amendments, 91st Congress, 2d session, on S.J. Res. 7 [and other bills], Feb. 16-Mar. 10, 1970. 1970. v+624 p. il. † ● Item 1042  
L.C. card 73-608697 Y 4.J 89/2: V 94/3/970
- 13749 Refugee and civilian war casualty problems in Laos and Cambodia, hearing before Subcommittee to Investigate Problems Connected with Refugees and Escapees, 91st Congress, 2d session, May 7, 1970. 1970. iii+107 p. † ● Item 1042  
L.C. card 75-608329 Y 4.J 89/2: R 25/11
- 13750 Sovereign immunity, hearing before Subcommittee on Administrative Practice and Procedure, S. 3503, 91st Congress, 2d session, pursuant to S. Res. 333, June 3, 1970. 1970. iii+257 p. † ● Item 1042  
L.C. card 70-608606 Y 4.J 89/2: So 8/18

## *Labor and Public Welfare Committee, Senate* Washington, DC 20510

- 13751 Demonstration elementary school for the deaf, hearing, 91st Congress, 2d session, on S. 4083, July 27, 1970. 1970. iv+45 p. † ● Item 1043  
L.C. card 72-608572 Y 4.L 11/2: D 34/3
- 13752 Handicapped workers legislation, 1970, hearings before Special Subcommittee on Handicapped Workers, 91st Congress, 2d session, on S. 2461 [and] S. 3425, June 9 and 10, 1970. 1970. v+150 p. † ● Item 1043  
L.C. card 70-608486 Y 4.L 11/2: H 19
- 13753 Manpower development and training legislation, 1970, hearings before Subcommittee on Employment, Manpower, and Poverty, 91st Congress, 1st and 2d sessions, on S. 3867, S. 2838, [and] S. 3878.  
pt. 4. May 5-21, 1970. 1970. viii+2159-3115 p. il. † ● Item 1043  
L.C. card 71-606926 Y 4.L 11/2: M 31/7/970/pt.4
- 13754 Nominations, hearing, 91st Congress, 2d session, on Laurence H. Silberman, of Hawaii, to be Under Secretary of Labor, Peter G. Nash, of New York, to be Solicitor of Department of Labor, July 29, 1970. ii+37 p. † ● Item 1043  
L.C. card 79-608571 Y 4.L 11/2: N 72/5/970-4

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

# OCTOBER 1970

- 13755 Veterans education and training and home loan programs amendments of 1970, hearing before Subcommittee on Veterans' Affairs, 91st Congress, 2d session, on S. 3656, S. 3683, S. 3657 [and] S. 3907, June 9, 1970. 1970. iv+219 p. † ● Item 1043  
L.C. card 76-608400 Y 4.L 11/2: V 64/26/970

## **Nutrition and Human Needs, Select Committee on, Senate** Washington, DC 20510

- 13756 Nutrition and human needs, 1970, hearings 91st Congress, 2d session.  
pt. 2. National school lunch program, Modesto, Calif., Mar. 23, 1970, Urban crisis, Chicago, Ill., Apr. 20, 1970. 1970. vi+291-761 p. il. \* Paper, \$1.75. ● Item 1009  
L.C. card 70-607379 Y 4.N 95: N 95/970/pt.2

## **Post Office and Civil Service Committee, Senate** Washington, DC 20510

- 13757 Wage board employees, hearings before Subcommittee on Civil Service, 91st Congress, 2d session, on S. 1958, S. 2371, and S. 2990, June 17 and 18, 1970. 1970. iv+168 p. † ● Item 1044  
L.C. card 75-608408 Y 4.P 84/11: W 12/970

## **Public Works Committee, Senate** Washington, DC 20510

- 13758 Amending Public works and economic development act of 1965, hearing before Subcommittee on Economic Development, 91st Congress, 2d session, on S. 3744 [and other bills], June 24, 1970. 1970. iii+91 p. † ● Item 1045  
L.C. card 71-608502 Y 4.P 96/10: P 96/8/970
- 13759 Increase in statutory limitation of TVA to issue bonds, hearing before Subcommittee on Flood Control, Rivers and Harbors, 91st Congress, 2d session, on H.R. 18104 and S. 3967, Aug. 14, 1970. 1970. iii+39 p. † ● Item 1024  
L.C. card 73-608812 Y 4.P 96/10: T 25/7
- 13760 Use of highway funds for public transportation, hearings before Subcommittee on Roads, 91st Congress, 2d session, on S. 3293, May 14 and 18, 1970. 1970. iii+65 p. il. † ● Item 1045  
L.C. card 77-608698 Y 4.P 96/10: H 53/28

## **Small Business, Select Committee on, Senate** Washington, DC 20510

- 13761 Impact of crime on small business, 1969-70, hearings, 91st Congress, 1st and 2d sessions.  
pt. 2. July 23, 1969 [and] June 24, 1970. 1970. v+377-582 p. il. \* Paper, \$1.00. ● Item 1049  
L.C. card 70-603538 Y 4.Sm 1/2: C 86/3/969-70/pt.2

## **CONSUMER AND MARKETING SERVICE, Agriculture Dept.** Washington, DC 20250

- 1971 acreage marketing guides AMC (series).  
13762 75. Winter vegetables and potatoes, Aug. 1970. 35 p. il. 4° † ● Item 18-D  
L.C. card 76-603317 A 88.26/4: 75
- 13763 Cotton quality, crop of 1969. Aug. 1970. cover title, 60 p. il. 4° ([United States cotton quality report for ginnings] v. 43, no. 7; Cotton Division.) [Text on p. 2 of cover.] † Consumer and Marketing Service, Market News Section, Cotton Division, P.O. Box 17723, Memphis, TN 38117  
A 88.11: 43/7

♣For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

## GOVERNMENT PUBLICATIONS

- 13764 Light air-cured tobacco market review, pt. 2, type 32, Maryland, 1969 crop (1970 season). Aug. 1970. 16 p. il. 4° (Tobacco Division: TOB-LA-14, pt. 2) † Consumer and Marketing Service, U.S. Department of Agriculture, Washington, D.C. 20250 • Item 23-D  
L.C. card 54-20620 A 88.34/5: 969-70/pt.2
- 13765 United States standards for grades of canned spinach, effective Mar. 30, 1970. 4th issue. [Feb. 17, 1970.] [2]+9 p. 4° [Published in Federal register, Feb. 26, 1970. Supersedes standards which have been in effect since Apr. 14, 1967.] † Chief, Processed Products Standardization and Inspection Branch, Fruits and Vegetable Division, C&MS, U.S. Department of Agriculture, Washington, DC 20250 A 88.6/2: Sp 4/2/970
- 13766 United States standards for grades of canned tomato puree (tomato pulp), effective Feb. 25, 1970. 5th issue as amended. [Feb. 17, 1970.] [2]+4+[1] p. 4° [Published in Federal register, Feb. 25, 1970. Supersedes standards which have been in effect since Aug. 22, 1964.] † Chief, Processed Products Standardization and Inspection Branch, Fruit and Vegetable Division, C&MS, U.S. Department of Agriculture, Washington, DC 20250 A 88.6/2: T 591/7/970
- 13767 United States standards for grades of concentrated tomato juice, effective Feb. 25, 1970. 1st issue as amended. [Feb. 17, 1970.] [2]+4+[1] p. 4° [Published in Federal register July 15, 1960-Feb. 25, 1970. Supersedes standards which have been in effect since July 15, 1960.] † Chief, Processed Products Standardization and Inspection Branch, Fruit and Vegetable Division, C&MS, U.S. Department of Agriculture, Washington, DC 20250 A 88.6/2: T 591/4/970
- 13768 United States standards for grades of tomato paste, effective Feb. 25, 1970. 2d issue as amended. [Feb. 17, 1970.] [2]+4+1 p. 4° [Published in Federal register, Feb. 25, 1970. Supersedes standards which have been in effect since Aug. 22, 1964.] † Chief, Processed Products Standardization and Inspection Branch, Food and Vegetable Division, C&MS, U.S. Department of Agriculture, Washington, DC 20250 A 88.6/2: T 591/6/970

### COOPERATIVE STATE RESEARCH SERVICE, Agriculture Dept. Washington, DC 20250

- 13769 Forestry research progress in 1969, McIntire-Stennis Cooperative Forestry Research Program: [compiled and edited by Boyd W. Post, Anders E. Lund and John D. Sullivan]. [1970.] cover title, ii+108 p. il. 4° [Text on p. 2 of cover.] † Division of Information, Office of Management Services, U.S. Department of Agriculture, Washington DC 20250 • Item 40-A-2  
L.C. card 79-600234 A 94.2: F 76/969

### COPYRIGHT OFFICE, Library of Congress Washington, DC 20540

- 13770 Catalog of copyright entries, 3d series, v. 21. \* Paper, \$50.00 a yr. (including semi-annual issues of pts. 1-13); \$12.50 additional for foreign mailing.  
pt. 2. Periodicals, Jan.-Dec. 1967, 1970. ix+478 p. 4° \* Paper, \$2.50. • Item 793  
L.C. card 6-35347 LC 3.6/5: v.21/pt.2  
NOTE.—Part 2 also sold separately on subscription. \* Paper, \$5.00; \$1.25 additional for foreign mailing.
- 13771 72d annual report of Register of Copyrights for fiscal year 1969, 1970. [4]+26 p. il. 4° [Reprinted from Annual report of Librarian of Congress. Insert, Preliminary statistics for fiscal year 1970 1 p. oblong 16° was also issued. Includes list of Copyright Office publications.] †  
L.C. card 10-35017 LC 3.1: 969

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

OCTOBER 1970

**COUNCIL ON ENVIRONMENTAL QUALITY, Executive Office of the  
President 722 Jackson Pl. N.W., Washington, DC 20036**

NOTE.—The Council on Environmental Quality was established by Public Law 91-190, approved Jan. 1, 1970.

- 13772 Environmental quality, 1st annual report of Council together with President's message to Congress, transmitted Aug. 1970. [1970.] xxv+326 p. il. \* Paper, \$1.75. • Item 851-J  
L.C. card 75-608885 Pr Ex 14.1: 970

**COURT OF CLAIMS  
Washington, DC 20006**

- 13773 [U.S. Court of Claims reports]: v. 189, Cases decided in United States Court of Claims, Aug. 1–Nov. 30, 1969, with report of decisions of Supreme Court in Court of Claims cases; reported by Audrey Bernhardt, reporter. 1970. xv+589+xxv+215 p. 1 por. [Errata, 1 p., issued also.] \* Cloth, \$5.25. • Item 530 (Special offer).  
L.C. card 11-11998 Ju 3.9: 189

**DEFENSE DEPARTMENT  
Washington, DC 20301**

- 13774 Annual report of Secretary of Defense on reserve forces, fiscal year 1969. [Feb. 9, 1970.] cover title, [350] p. 4° ‡  
L.C. card 58-61471 D 1.1/3: 969

Cataloging manual M (series). (Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form.]  
• Item 314-A D 7.6/3: (nos.)

- 13775 1-4. Federal manual for supply cataloging: chap. 4 [Operating procedures, July 1967]. Change 5; June 1, 1970. [1970.] [18] p. 4° ([Army Dept.]; AR 708-14.) \* Paper, 20c.  
13776 1-6. Federal manual for supply cataloging: chap. 6 [Operating forms], July 1967, Change 4. June 1, 1970. [55] p. 4° ([Army Dept.]; AR 708-16.) \* Paper, 55c.

Defense Supply Agency handbook DSAH (series). • Item 314-A

D 7.6/7: (nos.)

- 13777 4215.17. Industrial plant equipment handbook: FSC 4440, Driers, dehydrators, and anhydrators. Aug. 1970. cover title, iii+105 p. 4° (SB 708-4440-1; [Navy Dept.] NAVSUP Pub 5515; [Air Force Dept.] AFM 78-20; [Marine Corps] MCO P4870.21A.) [Issued in looseleaf form. Supersedes DSAH 4215.17/SB 708-4440-1/NAVSANDA Pub. 5515/MCO P4870.21/AFM 78-20, Apr. 14, 1966.] \* Paper, \$1.25.  
13778 4215.18. Industrial plant equipment handbook: FSC 6650, 6670, Scales, balances, and optical instruments. Aug. 1970. cover title, iii+220 p. 4° (SB 708-6600-2; [Navy Dept.] NAVSUP Pub 5516; [Air Force Dept.] AFM 78-25; [Marine Corps] MCO P4870.22A.) [Issued in looseleaf form. Supersedes DSAH 4215.18/SB 708-6600-2/NAVSANDA Pub 5516/AFM 78-25/MCO P4870.22, May 20, 1966.] \* Paper, \$1.75.

Defense Supply Agency manual DSAM (series).

- 13779 4215.1. Defense industrial plant equipment center operations, Change 4. May 7, 1970. [2] p. 4° ([Army Dept.] AR 700-43, CH 4; [Navy Dept.] NAVSUP PUB 5009, CH 4; [Air Force Dept.] AFM 78-1, CH 4; DSAH-SIB.) [Issued in looseleaf form.] \* Paper, 5c. • Item 314-A  
D 7.6/8: 4215.1/2/ch.4

- 13780 Federal item identification guide: Bands, markers, plates, and signs. July 24, 1970. cover title, [76] p. il. 4° (FIIG A178; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 75c. • Item 314-A D 7.6/4: B 22

- 13781 — Caps and plugs, Sept. 19, 1969, Change 1. Apr. 24, 1970. [26] p. 4° (FIIG A208; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 25c. • Item 314-A  
D 7.6/4: C 17/3/ch.1

•For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
•Sent to Depository Libraries

Page 47

# GOVERNMENT PUBLICATIONS

- 13782 — Cartridges, weapon. Aug. 7, 1970. cover title, [77] p. 4° (INTERIM FIIG T007; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 75c. ● Item 314-A D 7.6/4: C 24
- 13783 — Compressors, reciprocating, rotary, and centrifugal, Change 2, Aug. 14, 1970. [1970.] [6] p. 4° (FIIG A026 change 2; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 10c. ● Item 314-A D 7.6/4: C 73/ch.2
- 13784 — Covers and doors, access, Change 2. July 17, 1970. [8] p. 4° (FIIG A057; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 10c. ● Item 314-A D 7.6/4: C 83/ch.2
- 13785 — Demolition materials. Aug. 14, 1970. cover title, [45] p. 4° (INTERIM FIIG T165; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 60c. ● Item 314-A D 7.6/4: D 39
- 13786 — Fastening devices, Dec. 12, 1969, Change 1. July 17, 1970. [22] p. 4° (FIIG A054; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 20c. ● Item 314-A D 7.6/4: F 26/2/ch.1
- 13787 — Holder, electrical contact brush. Aug. 7, 1970. cover title, [64] p. 11. 4° (FIIG A227; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 70c. ● Item 314-A D 7.6/4: H 71/2
- 13788 — Hose, pipe and tube fittings, quick disconnect and self-sealing, Feb. 2, 1969, Change 2. July 10, 1970. [16] p. 4° (FIIG A209; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 15c. ● Item 314-A D 7.6/4: H 79/2/ch.2
- 13789 — Miscellaneous relay and switch components. July 31, 1970. [184] p. 4° (INTERIM FIIG T142; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.50. ● Item 314-A D 7.6/4: R 27
- 13790 — Rings, wiping and sealing, Nov. 15, 1968, Change 1. July 17, 1970. [4] p. 4° (FIIG A084; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 10c. ● Item 314-A D 7.6/4: R 47/ch.1
- 13791 — Sensitized materials, photographic and copying, Feb. 20, 1970, Change 2. Aug. 14, 1970. [6] p. 4° (FIIG A091; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 10c. ● Item 314-A D 7.6/4: Se 5/ch.2
- 13792 — Sets, kits, and outfits. Aug. 7, 1970. cover title, [205] p. 4° (FIIG A238; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.75. ● Item 314-A D 7.6/4: Se 7
- 13793 — Switch, sensing. Aug. 14, 1970. cover title, [135] p. 4° (FIIG A048; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.25. ● Item 314-A D 7.6/4: Sw 6/4
- 13794 — Tents and tarpaulins. July 24, 1970. cover title, [63] p. 4° (INTERIM FIIG T152; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) \* Paper, 70c. ● Item 314-A D 7.6/4: T 26
- 13795 — Threaded studs, Sept. 6, 1968, Change 2. July 17, 1970. [12] p. 4° (FIIG A051; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 15c. ● Item 314-A D 7.6/4: T 41/ch.2

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

# OCTOBER 1970

- 13796 — Tires, pneumatic and solid, Apr. 14, 1967, Change 1. July 17, 1970. [6] p. 4° (FIIG A008; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 10c. ● Item 314-A D 7.6/4: T 51/ch.1
  - 13797 — Turnbuckles; clevis/connector, rod ends, and tie rods. Aug. 14, 1970. cover title, [111] p. il. 4° (FIIG A264; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.25. ● Item 314-A D 7.6/4: T 84
  - 13798 — Valves, general purpose, and drain cocks, Dec. 27, 1968, Change 3. July 17, 1970. [12] p. 4° (FIIG A046; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 15c. ● Item 314-A D 7.6/4: V 24/ch.3
  - 13799 — Water purification equipment. July 24, 1970. cover title, [37] p. 4° (INTERIM FIIG T 227; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 50c. ● Item 314-A D 7.6/4: W 29/2
  - 13800 — Wrapping and packaging machinery. July 24, 1970. cover title, [17] p. 4° (INTERIM FIIG T167; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 30c. ● Item 314-A D 7.6/4: W 92
  - 13801 — Wrenches and components, hand, nonpowered. July 31, 1970. cover title, [315] p. il. 4° (FIIG A102; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$2.50. ● Item 314-A D 7.6/4: W 92/2
  - 13802 Federal supply catalog: Consolidated master cross reference list, C-RL-1-CBI, Change bulletin 1; [published by Defense Logistics Services Center]. Apr. 1, 1970. 2 v., cover titles, [iv]+794 p. 4° [Issued with perforations.] \* Paper, \$150.00 (including basic list and supplementary material for one year); \$25.00 additional for foreign mailing. ● Item 314-L D 7.20: 970/ch.1/v.1-2
  - 13803 Federal supply classification list of DoD standardization documents; July 1, 1970. [1970.] viii+544 p. 4° [Issued in looseleaf form. Supersedes index dated May 1, 1969 and supplement dated May 1, 1970.] \* Paper, \$10.00 (including basic book and supplementary material for an indefinite period); \$2.00 additional for foreign mailing. ● Item 314-G L.C. card 67-1774 D 7.14/2: 970
- Military standard MIL STD (series). [Issued with perforations.] ‡  
● Item 314-J D 7.10: (nos.)
- 13804 147B. Palletized and containerized unit loads 40" x 48" pallets, skids, runners, or pallet-type base. Change notice 2. July 15, 1970. [28] p. il. 4° (FSC PACK.)
  - 13805 242F (Navy) pt. 1. Electronic equipment parts, selected standards for R.F. and acoustical parts. June 1, 1970. ii+168 p. il. 4° (FSC MISC.) [Supersedes MIL-STD-242E (Navy) pt. 1, Dec. 2, 1963.]
  - 13806 454B. Standard general requirements for electronic equipment, Notice 3. May 22, 1970. [19] p. 4°
  - 13807 1277A. Splices, clips, terminals, terminal boards, binding posts, electrical. July 22, 1970. [155] p. il. 4° (FSC 5940.) [Supersedes MIL-STD-1277, June 22, 1964.]
  - 13808 1286. Transformers, inductors, and coils, selection and use of. June 11, 1970. [51] p. il. 4° (FSC 5950.)
  - 13809 1434. Goggles, industrial, safety. July 20, 1970. vi+16 p. il. 4° (FSC 4240.)
  - 13810 1472-A. Human engineering design criteria for military systems, equipment and facilities. May 15, 1970. xii+205 p. il. 4° (FSC-MISC.) [Supersedes MIL-STD-1472, Feb. 9, 1968.]

# GOVERNMENT PUBLICATIONS

- 13811 MILSCAP, military standard contract administration procedures, Change 11. July 1970. [118] p. 4° (DoD 4105.63-M; Office of Assistant Secretary of Defense (Installations & Logistics).) [Issued in looseleaf form.] \* Paper, \$1.25. ● Item 314-A D 7.6/4: M 59/3/ch.11
- 13812 [MILSTRIP, supp. 2, Military assistance program address directory], Oct. 1, 1969, Change 11. Aug. 15, 1970. [39] p. 4° (DoD 4140.17-M; Defense Supply Agency.) [Issued in looseleaf form.] \* Paper, 40c. ● Item 314-A D 7.6/4: M 59/supp.2/rev.-3/ch.11
- 13813 MILSTRIP, supp. 2, Military assistance program address directory. Sept. 1970. cover title, [349] p. 4° (DoD 4140.17-M; Office of Assistant Secretary of Defense (Installations and Logistics).) [Issued in looseleaf form. Supersedes DoD 4140.17-M, supp. 2, Oct. 1, 1969, and Changes 1-11.] \* Paper, \$2.75. ● Item 314-A D 7.64: M 59/supp.2/rev.-4
- Plastics Technical Evaluation Center, Picatinny Arsenal, Dover, N.J.: PLASTEC note.
- 13814 20. Literature survey on thermal degradation, thermal oxidation, and thermal analysis of high polymers, 3; by Dorothy A. Teetsel, David W. Levi. Nov. 1969. II+192N+ [1] p. 4° (Polymer Research Branch, Materials Research Laboratory, Picatinny Arsenal.) [Issued with perforations.] \* Paper, \$10.00 D 14.11/2: 20
- 13815 Poisonous and venomous marine animals of world: v. 3, Vertebrates [with lists of literature cited], by Bruce W. Halstead; sections of chemistry, by Donovan A. Courville. [1970.] xxvi+1006 p. il. large 4° [Contains copy-right material. Sponsored by Deputy Chief of Staff for Research and Development, Air Force Dept., Office of Surgeon General, Army Dept., Medicine and Surgery Bureau, Navy Dept. Some illustrations are colored.] \* Cloth, \$50.00 per set of 3 vols. ● Item 306 L.C. card 65-60000 D 1.2: M 33/v.3
- NOTE.—See, for Volume 1, Entry number 8818 in July 1966 Monthly catalog and for Volume 2, Entry number 8983 in July 1968 catalog.
- 13816 Report to the President and Secretary of Defense on Department of Defense by Blue Ribbon Defense Panel, July 1, 1970, defense for peace. [1970.] [3]+ix+237 p. il. 4° \* Paper, \$2.25. ● Item 306 L.C. card 70-60826 D 1.2: B 62/970
- 13817 U.S. Court of Military Appeals digest (3rd annual cumulative supplement), 1969 pocket part. [1970.] [2]+154 p. \* Paper, 60c. ● Item 311-B D 1.19/3: 969 supp.

## DISTRICT OF COLUMBIA Washington, DC 20004

- 13818 List of legal investments for trust funds in District of Columbia, as of July 1, 1970. [1970.] il+74 p. [Semiannual.] † Office of Register of Wills and Clerk of Probate Court, Washington, DC ● Item 430-A L.C. card 41-7391 DC 21.9: 970-2

## ECONOMIC DEVELOPMENT ADMINISTRATION, Commerce Dept. Washington, DC 20230

- 13819 Economic Development Administration's public works program, evaluation: v. 1, Summary of findings and survey methodology. July 1970. [87] p. 4° † ● Item 130-D L.C. card 73-608926 C 46.2: P 96/6/v.1
- 13820 — v. 2, Individual project reports. July 1970. [7]+256 p. 4° † ● Item 130-D L.C. card 73-608926 C 46.2: P 96/6/v.2
- 13821 Economic development districts, composition and status as of June 30, 1970; prepared by Office of Development Organizations. [1970.] iv+27 p. † ● Item 130-D C 46.2: Ec 7/4/970

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 13822 EDA industrial park program, analysis of its impact; [prepared by Office of Administration and Program Analysis]. July 1970. [5]+20+ [1]+36 p. 4° † ● Item 130-D C 46.2: In 2/5

## ECONOMIC OPPORTUNITY OFFICE, Executive Office of the President, Washington, DC 20506

- 13823 Background, experiment in performance contracting. [1970.] [1]+9+[1] p. il. 4° † PrEx 10.2: P 41
- 13824 Catalog of Federal domestic assistance, description of Federal government's domestic programs to assist American people in furthering their social and economic progress. [Apr. 1970.] [52]+1034 p. 4° [Issued in looseleaf form.] \*Stiff board, \$15.00 (including basic manual and quarterly supplements for an indefinite period); \$3.75 additional for foreign mailing. ● Item 857-H L.C. card 74-600920 PrEx 10.2: P94/970

- 13825 [Community action]: Green power, consumer action for the poor. Aug. 1969. [6]+65 p. 13 p. of pl. 4° ([EOE guidance 6142-2]; Community Action Program.) [Issued with perforations.] † ● Item 857-H-7 PrEx 10.9/3: G 82

Community profiles. (Information Center.) †Paper, each \$3.00 (PB 178331).

- 13826 Adair County, S. Dak. [1968.] cover title, 47 p. 4° PrEx 10.9/5: Ad 1/3
- 13827 Adams County, Iowa. [1968.] cover title, 47 p. 4° PrEx 10.5: Ad 1/4
- 13828 Adams County, N. Dak. [1968.] cover title, 47 p. 4° PrEx 10.9/5: Ad 1/5
- 13829 Adams County, Ohio. [1968.] cover title, 47 p. 4° PrEx 10.9/5: Ad 1/2
- 13830 Albany County, N.Y. [1968.] cover title, 47 p. 4° PrEx 10.9/5: Al 1/2
- 13831 Allamakee County, Iowa. [1968.] cover title, 47 p. 4° PrEx 10.9/5: Al 5/4
- 13832 Allegany County, N.Y. [1968.] cover title, 45 p. 4° PrEx 10.9/5: Al 5/3
- 13833 Appanoose County, Iowa. [1968.] cover title, 47 p. 4° PrEx 10.9/5: Ap 4
- 13834 Audubon County, Iowa. [1968.] cover title, 47 p. 4° PrEx 10.9/5: Au 2
- 13835 Aurora County, S. Dak. [1968.] cover title, 46 p. 4° PrEx 10.9/5: Au 6
- 13836 Barbour County, Ala. [1968.] cover title, 47 p. 4° PrEx 10.9/5: B 23
- 13837 Barnes County, N. Dak. [1968.] cover title, 48 p. 4° PrEx 10.9/5: B 26
- 13838 Beadle County, S. Dak. [1968.] cover title, 48 p. 4° PrEx 10.9/5: B 35
- 13839 Bennett County, S. Dak. [1968.] cover title, 48 p. 4° PrEx 10.9/5: B 43
- 13840 Benson County, N. Dak. [1968.] cover title, 47 p. 4° PrEx 10.9/5: B44/4
- 13841 Benton County, Iowa. [1968.] cover title, 48 p. 4° PrEx 10.9/5: B 44/3
- 13842 Bibb County, Ala. [1968.] cover title, 47 p. 4° PrEx 10.9/5: B 47
- 13843 Billings County, N. Dak. [1968.] cover title, 46 p. 4° PrEx 10.9/5: B49
- 13844 Black Hawk County, Iowa. [1968.] cover title, 48 p. 4° PrEx 10.9/5: B 56/2
- 13845 Blount County, Ala. [1968.] cover title, 47 p. 4° PrEx 10.9/5: B 62
- 13846 Bon Homme County, S. Dak. [1968.] cover title, 47 p. 4° PrEx 10.9/5: B 64/3
- 13847 Boone County, Iowa. [1968.] cover title, 47 p. 4° PrEx 10.9/5: B 64/2
- 13848 Bottineau County, N. Dak. [1968.] cover title, 47 p. 4° PrEx 10.9/5: B 65
- 13849 Bowman County, N. Dak. [1968.] cover title, 48 p. 4° PrEx 10.9/5: B 68
- 13850 Bremer County, Iowa. [1968.] cover title, 47 p. 4° PrEx 10.9/5: B 75
- 13851 Bronx County, N.Y. [1968.] cover title, 44 p. 4° PrEx 10.9/5: B 78
- 13852 Brookings County, S. Dak. [1968.] cover title, 47 p. 4° PrEx 10.9/5: B 79/2
- 13853 Broome County, N.Y. [1968.] cover title, 48 p. 4° PrEx 10.9/5: B 79
- 13854 Brown County, Ohio. [1968.] cover title, 47 p. 4° PrEx 10.9/5: B 81
- 13855 Brown County, S. Dak. [1968.] cover title, 47 p. 4° PrEx 10.9/5: B 81/2
- 13856 Brule County, S. Dak. [1968.] cover title, 47 p. 4° PrEx 10.9/5: B 83/2
- 13857 Buchanan County, Iowa. [1968.] cover title, 47 p. 4° PrEx 10.9/5: B 85
- 13858 Buena Vista County, Iowa. [1968.] cover title, 47 p. 4° PrEx 10.9/5: B 86/2
- 13859 Buffalo County, S. Dak. [1968.] cover title, 46 p. 4° PrEx 10.9/5: B 86
- 13860 Bullock County, Ala. [1968.] cover title, 47 p. 4° PrEx 10.9/5: B 87
- 13861 Buncombe County, N.C. [1968.] cover title, 48 p. 4° PrEx 10.9/5: B 88
- 13862 Burke County, N.C. [1968.] cover title, 46+ [1] p. 4° PrEx 10.9/5: B 91
- 13863 Burke County, N. Dak. [1968.] cover title, 48 p. 4° [Page 48 is left blank PrEx 10.9/5: B 91/2
- 13864 Burleigh County, N. Dak. [1968.] cover title, 48 p. 4° PrEx 10.9/5: B 92
- 13865 Butler County, Ala. [1968.] cover title, 47 p. 4° PrEx 10.9/5: B 97/3
- 13866 Butler County, Iowa. [1968.] cover title, 47 p. 4° PrEx 10.9/5: B 97/2
- 13867 Butte County, S. Dak. [1968.] cover title, 47 p. 4° PrEx 10.9/5: B 98
- 13868 Cabarrus County, N.C. [1968.] cover title, 48 p. 4° PrEx 10.9/5: C 11/2
- 13869 Calhoun County, Ala. [1968.] cover title, 48 p. 4° PrEx 10.9/5: C 12/3
- 13870 Calhoun County, Iowa. [1968.] cover title, 47 p. 4° PrEx 10.9/5: C 12/4
- 13871 Camden County, N.C. [1968.] cover title, 46 p. 4° PrEx 10.9/5: C 14
- 13872 Campbell County, S. Dak. [1968.] cover title, 46 p. 4° PrEx 10.9/5: C 15
- 13873 Carroll County, Iowa. [1968.] cover title, 47 p. 4° PrEx 10.9/5: C 23/3
- 13874 Cass County, Iowa. [1968.] cover title, 47 p. 4° PrEx 10.9/5: C 27/2
- 13875 Cass County, N. Dak. [1968.] cover title, 48 p. 4° PrEx 10.9/5: C 27/3
- 13876 Cattaraugus County, N.Y. [1968.] cover title, 47 p. 4° PrEx 10.9/5: C 29

†For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 51

# GOVERNMENT PUBLICATIONS

## Community profiles. (Information Center)—Continued

13877	Cavalier County, N. Dak. [1968.] cover title, 48 p. 4°	[Page 48 is left blank intentionally.]	PrEx 10.9/5: C 31/2
13878	Cayuga County, N.Y. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C 31
13879	Cedar County, Iowa. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C 32
13880	Cerro Gordo County, Iowa. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: C 33
13881	Chambers County, Ala. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C 35/2
13882	Champaign County, Ohio. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: C 35
13883	Charles Mix County, S. Dak. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C 38
13884	Chautauqua County, N.Y. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: C 39/2
13885	Chemung County, N.Y. [1968.] cover title, 45 p. 4°		PrEx 10.9/5: C 42/3
13886	Chenango County, N.Y. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C 42/5
13887	Cherokee County, Ala. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C 42/4
13888	Cherokee County, Iowa. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C 42/2
13889	Chickasaw County, Iowa. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C 43/2
13890	Chilton County, Ala. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C 43/3
13891	Choctaw County, Ala. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C 45/2
13892	Clark County, S. Dak. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C 54/4
13893	Clarke County, Ala. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: C 55
13894	Clarke County, Iowa. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C 55/2
13895	Clay County, Ala. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C 57/6
13896	Clay County, Iowa. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: C 57/5
13897	Clay County, S. Dak. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: C 57/4
13898	Clayton County, Iowa. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C 57/3
13899	Cleburne County, Ala. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C 58/2
13900	Clinton County, Iowa. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: C 61/2
13901	Clinton County, N.Y. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C 61/3
13902	Codrington County, S. Dak. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: C 64/3
13903	Coffee County, Ala. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: C 65
13904	Colbert County, Ala. [1968.] cover title, 46 p. 4°		PrEx 10.9/5: C 67
13905	Conecuh County, Ala. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C 75
13906	Coosa County, Ala. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C 78
13907	Corson County, S. Dak. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C 81
13908	Cortland County, N.Y. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: C 81/2
13909	Covington County, Ala. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: C 83/2
13910	Crawford County, Iowa. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C 85/4
13911	Crenshaw County, Ala. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C 86/2
13912	Cullman County, Ala. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C 89
13913	Cumberland County, N.C. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C 91
13914	Custer County, S. Dak. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: C 96
13915	Dale County, Ala. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: D 15
13916	Dallas County, Ala. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: D 16/2
13917	Dallas County, Iowa. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: D 16/3
13918	Davidson County, N.C. [1968.] cover title, 47 p. 4°	[Pages 43 and 44 omitted intentionally.]	PrEx 10.9/5: D 28/2
13919	David County, N.C. [1968.] cover title, 47 p. 4°	[Pages 43 and 44 omitted intentionally.]	PrEx 10.9/5: D 28
13920	Davis County, Iowa. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: D 29/3
13921	Davidson County, S. Dak. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: D 29/2
13922	Day County, S. Dak. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: D 33
13923	De Kalb County, Ala. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: D 36/2
13924	Decatur County, Iowa. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: D 35
13925	Delaware County, Iowa. [1968.] cover title, 48 p. 4	[Page 48 is blank, but no text is missing.]	PrEx 10.9/5: D 37/2
13926	Delaware County, N.Y. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: D 37/3
13927	Des Moines County, Iowa. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: D 46
13928	Deuel County, S. Dak. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: D 48
13929	Dewey County, S. Dak. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: D 51
13930	Dickey County, N. Dak. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: D 55
13931	Dickinson County, Iowa. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: D 56
13932	Divide County, N. Dak. [1968.] cover title, 46 p. 4°		PrEx 10.9/5: D 64
13933	Douglas County, S. Dak. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: D 74/2
13934	Dubuque County, Iowa. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: 85/2
13935	Dunn County, N. Dak. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: D 92/2
13936	Duplin County, N.C. [1968.] cover title, 47 p. 4°	[Pages 43 and 44 omitted intentionally.]	PrEx 10.9/5: D 92
13937	Durham County, N.C. [1968.] cover title, 48 p. 4°	[Pages 44 and 45 omitted intentionally.]	PrEx 10.9/5: D 93
13938	Dutchess County, N.Y. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: D 95
13939	Eddy County, N. Dak. [1968.] cover title, 46 p. 4°		PrEx 10.9/5: Ed 2
13940	Edmunds County, S. Dak. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: Ed 5
13941	Elmore County, Ala. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: El 6
13942	Emmet County, Iowa. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: Em 6
13943	Emmons County, N. Dak. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: Em 6/2
13944	Erie County, N.Y. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: Er 4/2
13945	Erie County, Ohio. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: Er 4
13946	Escambia County, Ala. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: Es 1
13947	Essex County, N.Y. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: Es 7
13948	Etowah County, Ala. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: Et 6
13949	Fairfield County, Ohio. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: F 16/2
13950	Fall River County, S. Dak. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: F 19
13951	Faulk County, S. Dak. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: F 27/2
13952	Fayette County, Ala. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: F 29/2

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

13953	Fayette County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: F 29/3
13954	Fayette County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: F 29
13955	Floyd County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: F 65
13956	Forsyth County, N.C. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: F 77
13957	Foster County, N. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: F 81
13958	Franklin County, Ala. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: F 85/6
13959	Franklin County, N.C. [1968.] cover title, 48 p. 4° [Pages 44 and 45 omitted intentionally.]	PrEx 10.9/5: F 85/3
13960	Franklin County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: F 85/7
13961	Franklin County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: F 85/4
13962	Freemont County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: F 88
13963	Fulton County, N.Y. [1968.] cover title, 49 p. 4°	PrEx 10.9/5: F 95/3
13964	Gaston County, N.C. [1968.] cover title, 48 p. 4° [Pages 44 and 45 omitted intentionally.]	PrEx 10.9/5: G 21
13965	Geauga County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: G 26
13966	Genesee County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: G 28
13967	Geneva County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: G 28/2
13968	Golden Valley County, N. Dak. [1968.] cover title, 46 p. 4°	PrEx 10.9/5: G 56
13969	Graham County, N.C. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: G 76/5
13970	Grand Forks County, N. Dak. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: G 76/8
13971	Grant County, N. Dak. [1968.] cover title, 46 p. 4°	PrEx 10.9/5: G 76/9
13972	Grant County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: G 76/7
13973	Granville County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: G 76/6
13974	Greene County, Ala. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: G 83/5
13975	Greene County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: G 83/4
13976	Greene County, N.C. [1968.] cover title, 47 p. 4° [Pages 41 and 42 omitted intentionally.]	PrEx 10.9/5: G 83/2
13977	Greene County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: G 83/6
13978	Greene County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: G 83/3
13979	Gregory County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: G 86
13980	Griggs County, N. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: G 87
13981	Grundy County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: G 92
13982	Guernsey County, Ohio. [1968.] cover title, 48 p. 4° [Page 48 is blank, but no text is missing.]	PrEx 10.9/5: G 93
13983	Gullford County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: G 94
13984	Guthrie County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: G 98
13985	Haakon County, S. Dak. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: H 11
13986	Hale County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 13/2
13987	Halifax County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 13
13988	Hamilton County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 18/3
13989	Hamilton County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 18/2
13990	Hamilton County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: H 18
13991	Hamilton County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 18/4
13992	Hancock County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 19/2
13993	Hancock County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: H 19
13994	Hand County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 19/3
13995	Hanson County, S. Dak. [1968.] cover title, 46 p. 4°	PrEx 10.9/5: H 19/4
13996	Hardin County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 21/2
13997	Hardin County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 21
13998	Harding County, S. Dak. [1968.] cover title, 45 p. 4°	PrEx 10.9/5: H 21/3
13999	Harnett County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 22
14000	Harrison County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 24/2
14001	Harrison County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 24
14002	Henry County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 39/2
14003	Henry County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 39/3
14004	Henry County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 39
14005	Herkimer County, N.Y. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: H 42
14006	Hertford County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 44
14007	Hettinger County, N. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 47
14008	Highland County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 53
14009	Hocking County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 65
14010	Hoke County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 68
14011	Holmes County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 73
14012	Houston County, Ala. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: H 81
14013	Howard County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 83/2
14014	Hughes County, S. Dak. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: H 87
14015	Humboldt County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 88
14016	Huron County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 94
14017	Hutchinson County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: H 97
14018	Hyde County, N.C. [1968.] cover title, 46 p. 4°	PrEx 10.9/5: H 99
14019	Hyde County, S. Dak. [1968.] cover title, 46 p. 4°	PrEx 10.9/5: H 99/2
14020	Ida County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: I 1
14021	Iowa County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: I 9
14022	Iredell County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: I 12
14023	Jackson County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: J 13/4
14024	Jackson County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: J 13/2
14025	Jackson County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: J 13/3
14026	Jackson County, S. Dak. [1968.] cover title, 45 p. 4°	PrEx 10.9/5: J 13/5
14027	Jasper County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: J 31
14028	Jefferson County, Ala. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: J 35/5
14029	Jefferson County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: J 35/4
14030	Jefferson County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: J 35/6
14031	Jefferson County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: J 35/3
14032	Jerauld County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: J 47

☐For Sale by Clearinghouse, U.S. Department of  
 Commerce, Springfield, Va. 22151

•Sent to Depository Libraries

Page 53

# GOVERNMENT PUBLICATIONS

## Community profiles. (Information Center)—Continued

14033	Johnson County, Iowa. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: J 63/2
14034	Johnston County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: J 64
14035	Jones County, Iowa. [1968.] cover title, 48 p. 4° [Page 48 is blank, but no text is missing.]	PrEx 10.9/5: J 71/2
14036	Jones County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: J 71
14037	Jones County, S. Dak. [1968.] cover title, 45 p. 4°	PrEx 10.9/5: J 71/3
14038	Keokuk County, Iowa. [1968.] cover title, 48 p. 4° [Page 48 is left blank intentionally.]	PrEx 10.9/5: K 43
14039	Kidder County, N. Dak. [1968.] cover title, 46 p. 4°	PrEx 10.9/5: K 53
14040	Kings County, N.Y. [1968.] cover title, 43 p. 4°	PrEx 10.9/5: K 61/2
14041	Kingsbury County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: K 61
14042	Knox County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: K 77
14043	Kossuth County, Iowa. [1968.] cover title, 48 p. 4° [Page 48 is blank, but no text is missing.]	PrEx 10.9/5: K 84
14044	La Moure County, N. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: L 19
14045	Lake County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: L 14
14046	Lake County, S. Dak. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: L 14/2
14047	Lamar County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: L 16
14048	Lauderdale County, Ala. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: L 36
14049	Lawrence County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: L 43/4
14050	Lawrence County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: L 45/2
14051	Lawrence County, S. Dak. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: L 45/3
14052	Lee County, Ala. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: L 51/4
14053	Lee County, Iowa. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: L 51/3
14054	Lewis County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: L 58/2
14055	Licking County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: L 61
14056	Limestone County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: L 62
14057	Lincoln County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: L 63/3
14058	Lincoln County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: L 63/4
14059	Linn County, Iowa. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: L 64
14060	Livingston County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: L 76
14061	Logan County, N. Dak. [1968.] cover title, 46 p. 4°	PrEx 10.9/5: L 82/3
14062	Logan County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: L 82/2
14063	Lorain County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: L 88
14064	Louisa County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: L 93
14065	Lowndes County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: L 95
14066	Lucas County, Iowa. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: L 98/2
14067	Lucas County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: L 96
14068	Lyman County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: L 98
14069	Lyon County, Iowa. [1968.] cover title, 46 p. 4°	PrEx 10.9/5: L 99
14070	McCook County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 13
14071	McDowell County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 14
14072	McHenry County, N. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 18
14073	McIntosh County, N. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 18/2
14074	McKenzie County, N. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 19
14075	McLean County, N. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 22
14076	McPherson County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 24
14077	Macon County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 23/2
14078	Macon County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 23
14079	Madison County, Ala. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: M 26/4
14080	Madison County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 26/6
14081	Madison County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 26/2
14082	Madison County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 26/5
14083	Madison County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 26/3
14084	Mahaska County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 27/2
14085	Mahoning County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: M 27
14086	Marengo County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 33/6
14087	Marion County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 33/5
14088	Marion County, Iowa. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: M 33/4
14089	Marion County, Ohio. [1968.] cover title, 48 p. 4° [Pages 23 and 24, 39 and 40 omitted intentionally.]	PrEx 10.9/5: M 33/3
14090	Marshall County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 35/2
14091	Marshall County, Iowa. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: M 35/3
14092	Marshall County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 35
14093	Martin County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 36
14094	Meade County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 46/3
14095	Medina County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 46/2
14096	Meigs County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 47
14097	Mellette County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 48
14098	Mercer County, N. Dak. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: M 53/2
14099	Mercer County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 53
14100	Miami County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: M 58/2
14101	Mill County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 62
14102	Miner County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 66/2
14103	Mitchell County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 69/2
14104	Mitchell County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 69
14105	Mobile County, Ala. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: M 71
14106	Monona County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 75/4
14107	Monroe County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 75/3
14108	Monroe County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 75/5
14109	Monroe County, N.Y. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: M 75/6

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

14110	Monroe County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 75/2
14111	Montgomery County, Ala. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: M 76/5
14112	Montgomery County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 76/4
14113	Montgomery County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 76/2
14114	Montgomery County, N.Y. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: M 76/6
14115	Montgomery County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: M 76/3
14116	Moody County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 77
14117	Morgan County, Ala. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: M 82/3
14118	Morgan County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 82/2
14119	Morrow County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 83
14120	Morton County, N. Dak. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: M 84
14121	Mountrail County, N. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: M 86
14122	Muscataine County, Iowa. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: M 97/2
14123	Muskingum County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: M 97
14124	Nassau County, N.Y. [1968.] cover title, 49 p. 4°	PrEx 10.9/5: N 18
14125	Nelson County, N. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: N 33
14126	New York County, N.Y. [1968.] cover title, 44 p. 4°	PrEx 10.9/5: N 48/2
14127	Niagara County, N.Y. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: N 51
14128	Noble County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: N 66
14129	Northampton County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: N 81
14130	O'Brien County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: O 6
14131	Oliver County, N. Dak. [1968.] cover title, 45 p. 4°	PrEx 10.9/5: O 14
14132	Oneida County, N.Y. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: O 2
14133	Onondaga County, N.Y. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: O 8
14134	Onslow County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: O 6
14135	Ontario County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: O 8
14136	Orange County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: O 1
14137	Orange County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: O 1/2
14138	Orleans County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: O 5
14139	Osceola County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: O 8
14140	Oswego County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: O 8
14141	Otsego County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: O 7
14142	Ottawa County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: O 8
14143	PAGE County, Iowa. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: P 14
14144	Palo Alto County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: P 18
14145	Pamlico County, N.C. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: P 19
14146	Paulding County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: P 28
14147	Pembina County, N. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: P 36
14148	Pender County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: P 37/2
14149	Pennington County, S. Dak. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: P 38
14150	Perkins County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: P 41
14151	Perquimans County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: P 42/2
14152	Perry County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: P 42/4
14153	Perry County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: P 42/3
14154	Pickens County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: P 58/2
14155	Pierce County, N. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: P 61/2
14156	Pike County, Ala. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: P 63/3
14157	Pitt County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: P 68/2
14158	Plymouth County, Iowa. [1968.] cover title, 48 p. 4° [Page 48 is blank, but no text is missing.]	PrEx 10.9/5: P 74
14159	Pocahontas County, Iowa. [1968.] cover title, 48 p. 4° [Page 48 left blank intentionally.]	PrEx 10.9/5: P 75/5
14160	Polk County, Iowa. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: P 75/4
14161	Pottawattamie County, Iowa. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: P 85/2
14162	Potter County, S. Dak. [1968.] cover title, 46 p. 4°	PrEx 10.9/5: P 85
14163	Poweshiek County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: P 87
14164	Putnam County, N.Y. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: P 98/2
14165	Queens County, N.Y. [1968.] cover title, 43 p. 4°	PrEx 10.9/5: Q 3
14166	Ramsey County, N. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: R 14
14167	Randolph County, Ala. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: R 15/3
14168	Ransom County, N. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: R 17
14169	Rensselaer County, N.Y. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: R 29
14170	Renville County, N. Dak. [1968.] cover title, 46 p. 4°	PrEx 10.9/5: R 29/2
14171	Richland County, N. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: R 39/2
14172	Richmond County, N.Y. [1968.] cover title, 33 p. 4°	PrEx 10.9/5: R 41/2
14173	Ringgold County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: R 47
14174	Roberts County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: R 54/2
14175	Rockland County, N.Y. [1968.] cover title, 49 p. 4°	PrEx 10.9/5: R 59/2
14176	Rolette County, N. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: R 66
14177	Russell County, Ala. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: R 91
14178	Sac County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Sa 1
14179	St. Clair County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Sa 2 c
14180	St. Lawrence County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Sa 2 1
14181	Sanborn County, S. Dak. [1968.] cover title, 46 p. 4°	PrEx 10.9/5: Sa 5/3
14182	Saratoga County, N.Y. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: Sa 7
14183	Sargent County, N. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Sa 7/2
14184	Schenectady County, N.Y. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: Sch 2
14185	Schoharie County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Sch 6
14186	Schuyler County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Sch 8
14187	Seloto County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: Sel 6
14188	Scotland County, N.C. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: Sco 8/2
14189	Scott County, Iowa. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: Sco 8/3
14190	Seneca County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Se 5/2

♣For Sale by Clearinghouse, U.S. Department of  
 Commerce, Springfield, Va. 22151  
 •Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## Community profiles. (Information Center)—Continued

14191	Seneca County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: Se 5
14192	Shannon County, S. Dak. [1968.] cover title, 45 p. 4°	PrEx 10.9/5: Sh 1
14193	Shelby County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Sh 4/2
14194	Shelby County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Sh 4/3
14195	Shelby County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Sh 4
14196	Sheridan County, N. Dak. [1968.] cover title, 45 p. 4°	PrEx 10.9/5: Sh 5
14197	Sioux County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Sl 7
14198	Sioux County, N. Dak. [1968.] cover title, 44 p. 4°	PrEx 10.9/5: Sl 7/2
14199	Slope County, N. Dak. [1968.] cover title, 44 p. 4°	PrEx 10.9/5: Sl 5
14200	Spink County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Sp 4
14201	Stanley County, S. Dak. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: St 2/3
14202	Stark County, N. Dak. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: St 2/4
14203	Stark County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: St 2/2
14204	Steele County, N. Dak. [1968.] cover title, 46 p. 4°	PrEx 10.9/5: St 3
14205	Steuben County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: St 4/2
14206	Story County, Iowa. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: St 7/2
14207	Stutsman County, N. Dak. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: St 9
14208	Suffolk County, N.Y. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: Su 2
14209	Sullivan County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Su 5
14210	Sully County, S. Dak. [1968.] cover title, 45 p. 4°	PrEx 10.9/5: Su 5/2
14211	Summit County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: Su 6/2
14212	Sumter County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Su 6/3
14213	Swain County, N.C. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: Sw 1
14214	Talladega County, Ala. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: T 14
14215	Tallapoosa County, Ala. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: T 14/2
14216	Tama County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: T 15
14217	Taylor County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: T 21
14218	Tioga County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: T 49
14219	Todd County, S. Dak. [1968.] cover title, 45 p. 4°	PrEx 10.9/5: T 56
14220	Tompkins County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: T 59
14221	Trall County, N. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: T 68/2
14222	Transylvania County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: T 68
14223	Tripp County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: T 73
14224	Trumbull County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: T 77
14225	Turner County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: T 85
14226	Tuscaloosa County, Ala. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: T 87/2
14227	Tuscarawas County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: T 87
14228	Tyrrrell County, N.Y. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: T 98
14229	Ulster County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: U 17
14230	Union County, Iowa. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: Un 3/5
14231	Union County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Un 3/4
14232	Van Buren County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: V 27/3
14233	Walker County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 15/2
14234	Walsh County, N. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 16
14235	Walworth County, S. Dak. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: W 17
14236	Wapello County, Iowa. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: W 19
14237	Ward County, N. Dak. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: W 21
14238	Warren County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 25/3
14239	Warren County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 25
14240	Warren County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 25/4
14241	Washabaugh County, S. Dak. [1968.] cover title, 44 p. 4°	PrEx 10.9/5: W 27/7
14242	Washington County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 27/6
14243	Washington County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 27/5
14244	Washington County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 27/8
14245	Wayne County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 36/5
14246	Wayne County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 36/4
14247	Webster County, Iowa. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: W 39
14248	Wells County, N. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 46
14249	Westchester County, N.Y. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: W 52
14250	Wilcox County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 64
14251	Wilkes County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 65
14252	Williams County, N. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 67/2
14253	Winnebago County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 73/2
14254	Winneshek County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 73
14255	Winston County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 73/3
14256	Woodbury County, Iowa. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: W 85/2
14257	Worth County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 89
14258	Wright County, Iowa. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: W 93
14259	Wyoming County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 99
14260	Yancey County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Y 1/2
14261	Yankton County, S. Dak. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: Y 1/4
14262	Yates County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Y 2/2
14263	Ziebach County, S. Dak. [1968.] cover title, 44 p. 4°	PrEx 10.9/5: Z 6

## OEO pamphlet.

14264	4100-12. VISTA scene, as seen by others [articles]. [July 1970.] [32] p. ill. 4° [Reprinted by VISTA with permission of Atlanta Constitution, Denver Post Sunday Magazine and others.] † ● Item 857-H-17 PrEx 10.23: 4100-12
-------	--

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

## ECONOMIC RESEARCH SERVICE, Agriculture Dept. Washington, DC 20250

- 9/5: Se 5  
9/5: Sh 1  
9/5: Sh 4/2  
9/5: Sh 4/3  
9/5: Sh 4  
9/5: Sh 5  
9/5: Sh 7  
9/5: Sh 7/2  
9/5: Sp 4  
9/5: St 2/3  
9/5: St 2/4  
9/5: St 2/2  
9/5: St 3  
9/5: St 4/2  
9/5: St 7/2  
9/5: St 9  
9/5: Su 2  
9/5: Su 5  
9/5: Su 5/2  
9/5: Su 6/2  
9/5: Su 6/3  
9/5: Sw 1  
9/5: T 14  
9/5: T 14/2  
9/5: T 15  
9/5: T 21  
9/5: T 49  
9/5: T 56  
9/5: T 59  
9/5: T 68/2  
9/5: T 68  
9/5: T 73  
9/5: T 77  
9/5: T 85  
9/5: T 87/2  
9/5: T 87  
9/5: T 98  
9/5: U 7  
9/5: Un 3/5  
9/5: Un 3/4  
9/5: V 27/3  
9/5: W 15/2  
9/5: W 16  
9/5: W 17  
9/5: W 19  
9/5: W 21  
9/5: W 25/3  
9/5: W 28  
9/5: W 25/4  
9/5: W 27/7  
9/5: W 27/6  
9/5: W 27/5  
9/5: W 27/8  
9/5: W 36/5  
9/5: W 36/4  
9/5: W 39  
9/5: W 46  
9/5: W 52  
9/5: W 64  
9/5: W 65  
9/5: W 67/2  
9/5: W 73/2  
9/5: W 73  
9/5: W 73/3  
9/5: W 85/2  
9/5: W 89  
9/5: W 93  
9/5: W 99  
9/5: Y 1/2  
9/5: Y 1/4  
9/5: Y 2/2  
9/5: Z 6
- Agricultural economic reports. ● Item 42-C A 93.28:(nos.)
- 14265 172. Rurality, poverty, and health, medical problems in rural areas [with list of references; by Neville Doherty]. Feb. 1970. iv+10+[1] p. il. 4°  
\* Paper, 15c.  
L.C. card 75-606612
- 14266 189. Rural industrialization, case study of tissue paper mill in Pickens, Miss.; [by John C. Credink]. [Sept. 1970.] vi+12 p. il. 4° [Prepared in cooperation with Mississippi Agricultural Experiment Station, Mississippi State University.] †
- 14267 190. Farm tenure and cash rents in United States; [by Robert D. Reinsel and Bruce Johnson]. [Aug. 1970.] iv+31 p. 4° †  
L.C. card 77-609147
- Costs and returns FCR (series). ([Farm Production Economics Division.]) † A 93.9/11:(nos.)
- 14268 74. Commercial broiler farms, Georgia, 1969; [by Wylie D. Goodsell, Owen K. Shugars, and Daphene E. Tippet]. June 1970. [2]+5 p. il. 4°
- 14269 75. Commercial tobacco farms, Coastal Plain, N.C., 1969; [by Owen K. Shugars and Daphene E. Tippet]. June 1970. [2]+5 p. il. 4°
- 14270 76. Migratory sheep ranches; [by Wylie D. Goodsell and Macie J. Belfield]. July 1970. [2]+8 p. il. 4°
- ERS (series). † A 93.21:(nos.)
- 14271 444. Natural resource special districts in Appalachia, review of enabling laws; by Anne Hammill and Ivan Hanson. [June 1970.] ii+49 p. il. 4°  
[Text on p. 2 of cover.]  
L.C. card 75-608954
- 14272 427-69. Farm population estimates for 1969. June 1970. 7 p. il. 4° (Human Resources Branch, Economic Development Division.)
- Foreign agricultural economic report.
- 14273 64. Eastern Europe's agricultural development and trade, patterns and perspectives [with bibliographies; by Roger E. Neets]. [July 1970.] cover title, vi+62 p. 4° [Abstract on p. 2 of cover.] \* Paper, 65c. ● Item 42-B  
L.C. card 77-608821 A 93.27: 64

## EDUCATION OFFICE, Health, Education, and Welfare Dept. Washington, DC 20202

- 14274 Annual report, 1969. [1970.] 251-316 p. [Reprint from annual report Department of Health, Education, and Welfare, 1969.] \* Paper, 30c.  
HE 5.1: 969
- 14275 Better education for handicapped children, annual report fiscal year 1969. [1970] iv+40 p. il. oblong 8° ([OE-35097]; Bureau of Education for Handicapped.) Review of program activities under Public law 89-313, amendment to title 1, Elementary and secondary education act, and title vi-A Elementary and secondary education act. \* Paper, 55c. ● Item 460-A-35  
L.C. card 77-605042 HE 5.235: 35097
- 14276 Denver doesn't quit on problem students, by Zoe von Ende; Leaving drug world behind, by Ronald Moskowitz; Success in early counseling, by Mary Kay Murphy. [1970.] [15] p. il. 4° (OE-10070.) [Reprinted from American Education, June, Jan.-Feb., and Mar. 1970.] \* Paper, 30c. ● Item 460-A-10  
HE 5.210: 10070
- 14277 1970 directory, Coordinators of children's services and of young adult services in public library systems serving at least 100,000 people. [June 1970.] [1]+ii+35 p. oblong 12° ([OE-15069]; Bureau of Libraries and Educational Technology, Division of Library Programs.) † ● Item 460-A-15  
L.C. card 79-608957 HE 5.215: 15069
- 14278 Education directory, 1969-70: pt. 4 Education associations; [prepared by Bobbie D. Lonergan]. [Jan. 1970.] cover title, [2]+109 p. 4° ([OE-10001-70.]) \* Paper, \$1.25. ● Items 460 and 460-A-10  
L.C. card E13-213 HE 5.25: 969-70/pt.4

†For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

- 14279 Education of national minorities in Communist China; by C. T. Hu. [1970.] vi+30 p. il. (OE-14146; Institute of International Studies.) \* Paper, 25c. ● Item 460-A-14  
L.C. card 73-608871 HE 5.214: 14146
- 14280 Education of the disadvantaged, evaluation report on title 1, Elementary and secondary education act of 1965, fiscal year 1968. [Apr. 1970.] xi+268 p. 4° (OE-37013-68.) \* Paper, \$2.00. ● Item 460-A-37  
L.C. card 72-608958 HE 5.237: 37013-68
- 14281 Educational research and development in United States. Dec. 1969. xii+200 p. il. 4° (OE 12049) \* Paper, \$2.00. ● Item 460-A-12  
L.C. card 79-608922 HE 5.212: 12049
- 14282 [Elementary teacher education program, feasibility study]: Feasibility of Georgia educational model for teacher preparation, elementary; editors, Charles E. Jonson, Gilbert E. Shearron. Jan. 1970. (National Center for Educational Research and Development.) [Final report, project 9-0477, contract OEC-O-9-200477-4043, with University of Georgia Athens, Ga.] ● Item 461 (Rev. 1965)  
v.2A-2B. Technical report [with list of references]. viii+815 p. il. 4° \* Paper, \$5.75 HE 5.87: G 29/v.2
- 14283 Emergency school assistance program. [1970.] [117] p. 4° † ● Item 461-A (Rev. 1965)  
L.C. card 70-608968 HE 5.6/2: Em 3
- 14284 Federal-State partnership for education, 5th annual report of Advisory Council on State Departments of Education. [May 1970.] x+182 p. il. 4° (OE-23050-70.) \* Paper, \$1.50. ● Item 460-A-23  
L.C. card HEW 66-164 HE 5.223: 23050-70
- 14285 Financial statistics of institutions of higher education, commentary on endowment, 1965-66 and 1966-67 [with bibliography]; by Paul F. Mertins and Leonard S. Baker. [1970.] v+37 p. 4° (OE-52014; National Center for Educational Statistics.) [Includes list of related NCES publications on p. 3 of cover.] \* Paper, 50c. ● Item 460-A-52  
L.C. card 79-608764 HE 5.252: 52014
- 14286 Higher education: Advance statistics on opening fall enrollment, basic information, 1969; [by George H. Wade]. 1970. 12 p. 4° (OE-54048; National Center for Educational Statistics.) \* Paper, 15c. ● Item 460-A-54 HE 5.254: 54048
- 14287 It's hard to come back; by Mary Pat Pfeil. [1970.] [4] p. il. 4° (OE 37064.) [Reprinted from American education, June 1970.] \* Paper, 10c. ● Item 460-A-37 HE 5.237: 37064
- 14288 Library statistics of colleges and universities: Data for individual institutions, Fall 1969; by Bronson Price. [June 1970.] v+158 p. 4° (OE-15023-69; National Center for Educational Statistics.) [At head of title on cover: Library statistics. Includes list of related NCES publications on p. 3 of cover.] \* Paper, \$1.25. ● Item 460-A-15  
L.C. card 75-603026 HE 5.215: 15023-69
- 14289 Manpower research inventory for fiscal year 1969; prepared by Interagency Committee on Manpower Research. [1970.] vi+171 p. il. oblong 24° ([OE-12036-69; Educational Resources Information Center, ERIC: National Center for Educational Communication.]) [Indexed and abstracted by ERIC Clearinghouse on Vocational and Technical Education, Ohio State University.] \* Paper, \$1.75. ● Item 460-A-12  
L.C. card 71-600520 HE 5.212: 12036-69
- 14290 OE's new copyright policy; [by Morton W. Bachrach]. [1970.] [3] p. large 4° (OE-11029.) [Reprinted from American education, June 1970.] \* Paper, 10c. ● Item 460-A-11 HE 5.211: 11029
- 14291 Opportunities abroad for teachers, 1971-72, teaching short-term seminars. [1970.] [2]+iv+28+[2] p. ([OE-14047-72; Institute of International Studies.]) \* Paper, 20c. ● Item 460-A-14 HE 5.214: 1407-72

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 14292 People power for children, new set of heroes, Morgan follows through, P.S. 100's man in pinstriped suit, Harlem teams on top, Moms are a must, 5 ideas communities. [1970.] [15] p. il. 4° ([OE-10071.]) [Reprinted from American education, Jan.-Feb., Apr., and May 1970.] \* Paper, 30c. ● Item 460-A-10 HE 5.210: 10071
- 14293 Preprimary enrollment, Oct. 1969; by Gordon E. Hurd. [1970.] vi+24 p. 4° (OE-20079-69; National Center for Educational Statistics.) [Text on p. 2 and 3 of cover. At head of title on cover: Elementary and secondary education.] \* Paper, 35c. ● Item 460-A-20 L.C. card 79-608914 HE 5.220: 20079-69
- 14294 Provoking change in education, report on 1969 Teacher Corps national conference, Washington D.C., Oct. 16-18, 1969 [final report, papers with bibliographies]. [May 1970.] cover title, v+148 p. il. 4° (Bureau of Educational Personnel Development.) † ● Item 461 (Rev. 1965) L.C. card 76-608924 HE 5.2: T 22/21
- 14295 Research in education, semi-annual index Jan.-June 1970 ([reports]). [1970.] cover title, [2]+459 p. 4° (Educational Resources Information Center, ERIC; [National Center for Educational Communication].) [Includes accession nos. ED 031 605-ED 036 658. Text on p. 2-3 of cover.] \* Paper, \$3.25. ● Item 460-A L.C. card 72-216727 HE 5.77: 970/ind.
- 14296 The right to read, target for the 70's [all lettered colored poster]. [1970.] 19 x 12.5 in. † HE 5.20: R 22
- 14297 Statistics of local public school systems, 1967-68 finances; by Gerald Kahn and Warren A. Hughes. [1970.] v+181 p. 4° ([OE-22027-68; National Center for Educational Statistics.]) \* Paper, \$2.00. ● Item 460-A-22 L.C. card 71-603025 HE 5.222: 22027-68
- 14298 Vocational and technical education, annual report, fiscal year 1968. [May 1970.] iv+[2]+199 p. il. 4° (OE-80008-68.) \* Paper, \$2.00. ● Item 460-A-80 L.C. card 78-11381 HE 5.280: 80008-68

## EMERGENCY PREPAREDNESS OFFICE, Executive Office of the President, Washington, DC 20504

NOTE.—The name of the Emergency Planning Office has been changed to the Emergency Preparedness Office.

- 14299 Stockpile report to Congress, Jan.-June 1969 [pursuant to sec. 4 of Strategic and critical materials stock piling act, Public law 520, 79th Congress]. v+33 p. il. 4° † PrEx 4.9: 969

## ENGINEER CORPS (Army), Defense Dept.

NOTE.—Orders or requests for publications of the Engineers Corps, other than those sold by the Superintendent of Documents or by offices of the Engineers Corps in other cities, should be addressed to Chief of Engineers, U.S. Army, Washington, DC 20310, Attention Publications Office.

- 14300 Accelerated development, Plain of Reeds [with bibliography]; prepared by Engineer Agency for Resources Inventories. July 1968. xii † 88 leaves, il oblong large 8" [Sponsored by Department of Defense Advanced Research Projects Agency, APRA order 1068.] † Engineer Agency for Resources Inventories, 4701 North, Sangamore Rd., Washington, DC 20016 D 103.2: R 25
- 14301 An Giang Province, Viet-Nam, resources inventory; prepared by Engineer Agency for Resources Inventories, [1968.] ix+133 leaves, il oblong large 8" [Prepared for International Development Agency, State Department.; † Engineer Agency for Resources Inventories, 4701 North Sangamore Rd., Washington, DC 20016 D 103.2: V 67/4

‡For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

- 14302 Annual fish passage report, Columbia River projects, Bonneville, The Dalles, John Day, McNary; Snake River projects, Ice Harbor, Lower Monumental, Oreg. and Wash., 1969; prepared by Army Engineer Districts, Portland and Walla Walla. [1969.] cover title, [1]+vii+16 p. ll. 27 pl. 84 tabs. 2 p. of pl. 4° (North Pacific Division.) †  
L.C. card 53-63332 D 103.27: 969
- 14303 Black River Harbor, Alcona County, Mich., letter from Chief of Engineers, Army, submitting report; July 6, 1970. x+65 p. map, 4° [Also issued as H. doc. 361, 91st Cong. 2d sess.] † ● Item 334-A  
D 103.22: B 56/6
- Cold Regions Research and Engineering Laboratory, Hanover, N.H.: Technical reports. † D 103.33: (nos.)
- 14304 222. Dynamic Young's modulus and flexural strength of sea ice [with list of literature cited; by] Guenther E. Frankenstein [and Robert Garner]. May 1970. iii+15 p. ll. 4° (DA task 1T062112A13001.)
- 14305 225. Isothermal compressibility of frozen soil and ice to 30 kilobars at -10°C [with list of literature cited; by] Edwin Chamberlain and Pieter Hoekstra. June 1970. vi+35 p. ll. 4° (ARPA order 968.)
- Cold regions science and engineering monograph: [pt. 3, Engineering]. (Cold Regions Research and Engineering Laboratory, Hanover, N.H.)
- 14306 3-Bib. Ice pressure on engineering structures [with list of literature cited; by] Bernard Michel. June 1970. vii+71+[1] p. ll. 4° (DA project 1T062112A130 †  
L.C. card 62-62430 D 103.33/7: 3-Bib
- Engineer manual EM (series).
- 14307 1110-2-1902. Engineering and design: Stability of earth and rock-fill dams [with list of references; prepared by W. E. Stroh, Jr. and others]. Apr. 1, 1970. cover title, [175] p. ll. 4° [Prepared in U.S. Army Waterways Experiment Station. Issued with perforations.] † ● Item 338-A D 103.6/3: 1110-2-1902/2
- 14308 Flood plain information: Allegheny River and Fivemile Creek, Allegany, N.Y. Oct. 1969. cover title, [3]+ii+43 p. ll. 10 pl. 4° [Prepared for Village of Allegany and Division of Water Resources, State of New York, by Corps of Engineers, U.S. Army, Pittsburgh District, Pittsburgh, Pa.] † D 103.47: A1 5
- 14309 — Beargrass and Upper Mill Creeks, Jefferson County, Ky. Aug. 1969. cover title, [4]+ii+61+[3] p. ll. 13 pl. 2 p. of pl. 4° [Prepared for Louisville and Jefferson County Planning and Zoning Commission, by Corps of Engineers, U.S. Army, Louisville District, Louisville, Ky.] ● †  
D 103.47: J 35/3
- 14310 — Casper, Wyo.; v. 2: Sage Creek. Apr. 1970. cover title, [2]+ii+20 p. ll. 4 pl. 4° [Prepared for city of Casper by U.S. Army Engineer District, Omaha, Corps of Engineers, Omaha, Nebr.] †  
D 103.47: C 27/v.2
- 14311 — Crow Creek, v. 2, Cheyenne, Wyo. June 1970. cover title, [2]+ii+24 p. ll. 5 pl. 4° [Prepared for city of Cheyenne by U.S. Army Engineer District, Omaha Corps of Engineers, Omaha, Nebr.] † D 103.47: C 42/2
- 14312 — Floyds Fork, Jefferson County, Ky. May 1969. cover title, [4]+ii+30 p. ll. 11 pl. 4° [Prepared for Louisville and Jefferson County Planning Commission, by Corps of Engineers, U.S. Army, Louisville, Ky. District.] †  
D 103.47: J 35/2
- 14313 — Manitowoc County, Wis. May 1970. cover title, [5]+67 p. ll. 18 pl. 4° [Prepared for Manitowoc County Planning and Park Commission by Corps of Engineers, U.S. Army, Chicago District. Some plates are colored] †  
D 103.47: M 31
- 14314 — Mississippi River and Cape LaCroix Creek at Cape Girardeau, Mo. Dec. 1969. [2] p. ll. narrow f° folded into narrow 8° size. [Prepared for City of Cape Girardeau.] †  
D 103.47/2: C 17g

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 14315 — Mississippi River and Cape La Croix Creek, Cape Girardeau, Mo. Dec. 1969. cover title, [4]+ii+61 p. il. 13 pl. 4° [Prepared for city of Cape Girardeau by Department of Army, St. Louis District, Corps of Engineers, St. Louis, Mo.] ‡  
D 103.47: C 17/2
- 14316 — Pocatello, Idaho, and vicinity, Portneuf River and tributaries near Pocatello. Mar. 1970. cover title, v+48 p. il. 22 pl. 4° [Prepared for Bannock County by Corps of Engineers, U.S. Army, Walla Walla, Wash. District. Text on p. 2 of cover.] ‡  
D 103.47: P 75/2
- 14317 — Pond Creek, Jefferson County, Ky. Nov. 1968. cover title, [2]+ii+35 p. il. 8 pl. 2 p. of pl. 4° [Prepared for Louisville and Jefferson County Planning Commission, by Corps of Engineers, U.S. Army, Louisville, Ky. District.] ‡  
D 103.47: J 35
- 14318 — Rock River, Winnebago County, Ill. Dec. 1969. cover title, [5]+vii+80 p. il. 18 pl. 4° [Prepared for State of Illinois, Division of Waterways, Department of Public Works and Buildings, by Corps of Engineers, Army, Rock Island District. Some pages are issued as leaves.] ‡  
D 103.47: W 73
- 14319 — Santa Clara River (vicinity of Santa Paula), Ventura County, Calif. Mar. 1970. cover title, iv+39 p. il. 11 pl. 4° [Prepared for County of Ventura by Corps of Engineers, U.S. Army, Los Angeles District, Calif.] ‡  
D 103.47: V 56/3
- 14320 — Santa Ynez River (Lompoc to Pacific Ocean), Santa Barbara County, Calif. Jan. 1970. cover title, [2]+ii+52 p. il. 25 pl. 4° [Prepared for Santa Barbara County Flood Control and Water Conservation District by Corps of Engineers, U.S. Army, Los Angeles District, Calif.] ‡  
D 103.47: Sa 5 b/2
- 14321 Floods in Allegany, N.Y., how to avoid damage. Oct. 1969. [2] p. il. narrow f° folded into narrow 8° size. [Prepared from Flood plain information, Allegany River and Five Mile Creek, village of Allegany, N.Y.] ‡  
D 103.47/2: A1 5
- 14322 Floods in Manitowoc County, Wis., how to avoid damage. [1970.] [2] p. il. oblong f° folded into narrow 8° size. [Prepared from Flood plain information, Manitowoc County, Wis. One illustration is colored.] ‡  
D 103.47/2: M 31
- 14323 Floods in Pocatello, Idaho & vicinity; prepared by Corps of Engineers, Walla Walla District. Feb. 1970. [2] p. il. oblong large 8°, folded into narrow 12° size. ‡  
D 103.47/2: P 75/2
- 14324 Floods on Beargrass Creek, Jefferson County, Ky., how to avoid damage. Aug. 1969. [2] p. il. oblong f° folded into narrow 8° size. [Prepared from Flood plain information, Beargrass and Upper Mill Creek, Jefferson County, Ky.] ‡  
D 103.47/2: J 35/4
- 14325 Floods on Upper Mill Creek, Jefferson County, Ky., how to avoid damage. Aug. 1969. [2] p. il. oblong f° folded into narrow 8° size. [Prepared from Flood plain information, Beargrass and Upper Mill Creeks, Jefferson County, Ky.] ‡  
D 103.47/2: J 35/2
- 14326 Floyds Fork, floods in Jefferson County, Ky., how to avoid damage. May 1969. [2] p. il. oblong f° folded into narrow 8° size. [Prepared from Flood plain information, Floyds Fork, Jefferson County, Ky.] ‡  
D 103.47/2: J 35
- 14327 Fourmile Run, city of Alexandria and Arlington County, Va., letter from chief of engineers, Army, submitting report; June 25, 1970. xxiii+77 p. 2 pl. 4° [Also issued as H. doc. 358, 91st Cong., 2d sess.] ‡ ● Item 334-A  
L.C. card 77-608943  
D 103.22: F 82/2

◆For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 61

# GOVERNMENT PUBLICATIONS

- 14328 Placer Creek at Wallace, Idaho, letter from chief of engineers, Army, submitting report; June 22, 1970. 1970. xii+46 p. il. 2 pl. 4° [Also issued as H. Doc. 357, 91st Cong., 2d sess.] ‡ ● Item 334-A  
D 103.22: P 69/4
- 14329 Pond Creek, floods in Jefferson County, Ky., how to avoid damage. Nov. 1968. [2] p. il. oblong 7" folded into narrow 8" size [Prepared from Flood plain information, Ohio River, Jefferson County, Ky.] ‡  
D 103.47/2: J 35/3
- 14330 Reedy River, S.C., letter from chief of engineers, Army, submitting report; June 19, 1970. 1970. xiv+66 p. map, 4° [Also issued as H. doc. 356, 91st Cong., 2d sess.] ‡ ● Item 334-A  
D 103.22: R 25
- 14331 Scajaquada Creek and tributaries, N.Y., letter from chief of engineers, Army, submitting report; July 6, 1970. 1970. xlii+58 p. il. map, 4° [Also issued as H. doc. 362, 91st Cong., 2d sess.] ‡ ● Item 334-A  
D 103.22: Sca 3
- 14332 Special flood hazard information: Arkansas River, Fort Dodge-Wilroads Gardens section of Dodge City, Kans.; prepared by Corps of Engineers Albuquerque District, N. Mex. June 1970. cover title, 8 p. il. 6 pl. 4° [Prepared for Dodge City and Ford County.] ‡  
D 103.47: F 77 d
- 14333 Water resources development by Army Corps of Engineers in California. Jan. 1969. cover title, [2]+vi+276 p. il. map 4° (South Pacific Division.) [Map is colored.] ‡  
L.C. card 58-61019  
D 103.35: C 12/969
- 14334 Waterborne commerce of United States, calendar year 1968: pt. 5, National summaries. [1970.] vii+143 p. 4° [Compiled under supervision of Division Engineer, U.S. Army Engineer Division, Lower Mississippi Valley Corps of Engineers, Vicksburg, Miss.] ‡ Paper, \$1.00.  
L.C. card 55-63535  
D 103.1/2: 968/pt.5
- Waterways Experiment Station.
- NOTE.—Unless otherwise indicated, publications of Waterways Experiment Station may be ordered from Corps of Engineers, U.S. Army, Waterways Experiment Station, Vicksburg, Miss. (price upon application).
- Waterways Experiment Station: Miscellaneous paper.
- 14335 S-70-14. Evaluation of soil strength of unsurfaced forward-area airfields by use of ground vehicles [with list of literature cited]; by G. M. Hammitt II. Army-MRC-Vicksburg, Miss., May 1970. ix+10+[36] p. il. 4° ‡ [Sponsored by Office, Chief of Engineers, Army.] ‡  
D 103.24/4: S-70-14
- Waterways Experiment Station: Technical report.
- 14336 C-70-3. Study of feasibility of methods for increasing load-carrying capacities of existing concrete beams [with bibliography]; by F. B. Cox. Army-MRC, Vicksburg, Miss., May 1970. x+44+[70] p. il. 4° [Sponsored by Assistant Secretary of Army R&D], Department of Army.] ‡  
L.C. card 70-608634  
D 103.24/2: C-70-3
- 14337 Wenatchee, Wash., letter from chief of engineers, Army, submitting report; July 23, 1970. 1970. xx+120 p. il. 5 pl. 4° [Also issued as H. doc. 370, 91st Cong., 2d sess.] ‡ ● Item 334-A  
D 103.22: W 48
- 14338-339 [These entry numbers not used.]

## ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, Commerce Dept., Washington, DC 20235

- Climatography of United States 60 (series). Climates of States. (Environmental Data Service.) ● Item 273-B  
C 30.71/3: (nos.)
- 14340 4. California [with bibliographies; by] C. Robert Elford. Dec. 1959, revised June 1970. [1970.] 57 p. il. 4° \*Paper, 60c. (incorrectly given in publication as 35c.)
- 14341 52. Climate of Puerto Rico and U.S. Virgin Islands [with bibliographies; by] Robert J. Calvesbert. 1961, revised June 1970. [1970.] 29 p. il. 4° \*Paper, 35c. (incorrectly given in publication as 60c.)

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

# OCTOBER 1970

- 14342 Environmental Data Service, services and publications. [1970.] 18+[1] p. il. 4° ([ESSA/PI 700015.]) \* Paper, 30c. ● Item 208-B-1 L.C. card 78-608970 C 52.2: En 8/5

ESSA technical memorandum. (Weather Bureau, Systems Development Office, Techniques Development Laboratory, Silver Spring, Md.)

C 52.15/2: WBTM-TDL- (nos.)

- 14343 WBTM-TDL-30. Summary of selected references material on oceanographic phenomena of tides, storm surges, waves, and breakers [with bibliographies; by] N. Arthur Pore. May 1970. 1v+103 p. il. 4° ♦ Paper, \$3.00.
- 14344 WBTM-TDL-31. Persistence of precipitation at 108 cities in conterminous United States [with list of references; by] Donald L. Jorgensen and William H. Klein. May 1970. il+[1]+84 p. il. 4° ♦ Paper, \$3.00.

ESSA technical report. (Environmental Data Service.)

- 14345 EDS-9. Markov chain models for probabilities of hot and cool days sequences and hot spells in Nevada [with list of references; by] Clarence M. Sakamoto. Mar. 1970. iii+26 p. 4° ♦ Paper, \$3.00. ● Item 208-B-7 C 52.15: EDS 9

ESSA technical report. (National Environmental Satellite Center).

- 14346 NESC 51. Application of meteorological satellite data in analysis and forecasting [with list of references; by] Ralph K. Anderson [and others]. Sept. 1969, reprinted May 1970. vii+[223] p. il. 4 [Issued with perforations. Also issued as Air Weather Service technical report 212.] \* Paper, \$1.75. ● Item 208-B-7 C 52.15: NESC 51

ESSA technical report. (Research Laboratories: Atlantic Oceanographic and Meteorological Laboratories, Physical Oceanography Laboratory, Miami, Fla.)

- 14347 ERL 167-AOML 2. Oceanographic investigation of Cay Sal Bank, Bahama Islands [with list of references; by] Robert B. Starr. June 1970. iii+52 p. il. 4° \* Paper, 55c. ● Item 208-B-7 C 52.15: ERL 167-AOML 2

ESSA technical report. (Research Laboratories: Institute for Telecommunication Sciences, Boulder, Colo.) ● Item 208-B-7

C 52.15: ERL (nos.)

- 14348 ERL 165-ITS 106. Theoretical LF,VLF field calculations with spherical wave functions of integer order [with list of references; by] J. Ralph Johler [and] Carlene Mellecker. Apr. 1970. iii+[1]+81 p. il. 4° \* Paper, 75c.
- 14349 ERL 166-ITS 107. Evaluation of loran tests at Aniston, Ala. and Panama City, Fla. [with list of references; by] Bernard Wieder [and] James S. Washburn. June 1970. iii+51 p. il. 4° \* Paper, 55c.
- 14350 ERL 171-ITS 109. Basis and application of simulation model for oceanographic data transmission system using HF radio [with list of references; by] Dale N. Hatfield [and] Jean E. Adams. iii+26 p. il. 4° \* Paper, 35c.

- 14351 Tornado safety rules. Jan. 1969. 1 p. il. 4° (ESSA/PI 600030.) \* Paper, \$1.50 per 100; single copy 5c. C 52.6: T 63/969

- 14352 USC&GSS Discover OSS 02. [1970.] 16 p. il. 4° ([ESSA/PI 670001.]) \* Paper, 30c. ● Item 208-B-1 C 52.2: D 63/970

## EQUAL EMPLOYMENT OPPORTUNITY COMMISSION Washington, DC 20506

- 14353 Equal employment opportunity report no. 2: Job patterns for minorities and women in private industry, 1967. [1970.] \* Paper, \$11.50 per set of 2 vols. ● Item 1059-A-1 L.C. card 72-608923 Y 3.Eq 2: 12/2/v.1,2  
v.1. 1vii+655 p. 4°  
v.2. [1]+889 p. 4°

## FARMER COOPERATIVE SERVICE, Agriculture Dept. Washington, DC 20250

FCS information (series).

- 14354 66. Legal phases of farmer cooperatives, sample legal documents; [prepared by D. Morrison Neely and others]. [May 1970. cover title, [3]+45 p. [Page 45 is on p. 3 and list of other FCS publications on p. 4 of cover.] † A 89.15: 66

♦For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

Page 63

# GOVERNMENT PUBLICATIONS

## FEDERAL AVIATION ADMINISTRATION, Transportation Dept. Washington, DC 20553

- 14355 Acceptable methods, techniques, and practices, aircraft inspection and repair, change 7, June 12, 1969 and Oct. 30, 1969. [1969.] [88] p. il. 4° (AO 43.13-1.) [Issued in looseleaf form.] \* Paper, \$3.00 including basic manual and changes for indefinite period; \$1.00 additional for foreign mailing. ● Item 431-F-7 TD 4.28/2: 969/ch.7
- 14356 Airport design standards, airports served by air carriers, taxiways [with bibliography]. May 15, 1970. cover title, [40] p. il. 4° ([Advisory circular AC 150/5335-1A.]) [Issued with perforations. Cancels AC 150/5335-1, Jan. 28, 1965 and taxiway criteria in AC 150/5330-2A, July 26, 1968.] † ● Item 431-C-4 TD 4.8/4: A1 7
- 14357 Federal aviation regulations, v. 8. May 1970. cover title, [109] p. 4° [Issued in looseleaf form.] \* Paper, \$3.50 (including basic volume and supplementary material for an indefinite period); \$1.00 additional for foreign mailing ● Item 431-C-13
- Includes-pt. 133, Rotorcraft external load operations, pt. 135, Air taxi operators and commercial operations of small aircraft, pt. 137, Agricultural aircraft operations. TD 4.6/3: v.8
- Handbooks. ● Item 431-C-4 TD 4.8/2: (nos.)
- 14358 5190.2E. List of public airports affected by agreements with Federal government, June 8, 1970. cover title, [2]+iv+100 p. 4° [Issued in looseleaf form. Cancels Handbook 5190.2D, May 28, 1969.] †
- 14359 6000-7B. Improvement of operating conditions TRACON facilities, June 9, 1970. cover title, [2]+ii+51 p. il. 4° [Issued with perforations. Cancels handbook 6000-7A.] †
- National Aviation Facilities Experimental Center, Atlantic City, N.J.: Report NA (series). TD 4.32: (nos.)
- 14360 69-37. Effect of ground crash fire on aircraft fuselage integrity, interim report [with list of references]; prepared by George E. Geyer. Dec. 1969. viii+35+[38] p. il. 4° (Project 430-002-02X, report NA-69-37 (RD-69-46).) [Prepared for Systems Research and Development Service.] ● Paper, \$3.00.
- 14361 70-3. Evaluation of area navigation in Northeast Corridor, final report; prepared by Bernhart V. Dinerman. Jan. 1970. [118] p. il. 4° (Project 330-013-01X; report RD 69-53; National Aviation Facilities Experimental Center.) [Prepared for Systems Research and Development Service.] ● Paper, \$3.00.
- 14362 National aviation system planning review conference Apr. 14-17, 1970, summary report. [1970.] xx+158 p. il. 4° [Issued with perforations. Some pages are printed as leaves.] \* Paper, \$1.50. ● Item 431-C-8 L.C. card 70-604638 TD 4.2: N 21/3
- 14363 United States standard flight inspection manual, Change 16. [June 15, 1970] [18] p. 4° (Handbook OA P 8200.1; Army [Dept.] TM 11-2557-25; Navy [Dept.] NAV WEPS 16-1-520; [Air Force Dept.] AFM 55-8; [Coast Guard] CG-317.) [Cancellation date after change made. Issued with perforations.] † ● Item 431-C-4 TD 4.8: F 64/963/rep.-2/ch.16

## FEDERAL COMMUNICATIONS COMMISSION Washington, DC 20554

- 14364 Federal Communications Commission reports, cumulative index digest of decisions and reports, July 7, 1965-Jan. 17, 1969, v. 1-15, 2d series, insert. 1970. [1]+66 p. [Covers material following p. 1189, and includes subject headings from "Television station, Experimental operation of" through "Zoning."] † ● Item 284 CC 1.12/2: 1-15/ind./insert

## FEDERAL DEPOSIT INSURANCE CORPORATION Washington, DC 20429

- 14365 1969 report of income assets and liabilities, commercial and mutual savings banks, Dec. 31, 1969. [1970.] cover title, 128, p. 4° [Joint report of Federal Deposit Insurance Corporation, Board of Governors of Federal Reserve System and Office of Comptroller of Currency. Text on p. 3 of cover.] †
- L.C. card 34-28239 Y 3.F 31/8: 9-2/969-2

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

## FEDERAL HEALTH PROGRAMS SERVICE, Health, Education, and Welfare Dept., Rockville, MD 20852

- 14366 Automated multiphasic health testing, bibliography [v. 1, no. 1]. May 1970. [3]+175 p. 4° ([Public Health Service publication 2076]; Health Services Research Branch.) \* Paper, \$1.50. ● Item 494-C-2  
L.C. card 77-608927 HE 20.2710: 1/1
- 14367 Proceedings of U.S. Public Health Service cooperative study, Renal disease and hypertension: v. 7, 9th annual conferences, Apr. 1970, Washington, D.C. [pyelonephritis] and Philadelphia, Pa. [hypertension]. [1970.] xi+218 p. 4° † ● Item 494-C-1  
L.C. card 65-61307 HE 20.2702: R 29/v.7

## FEDERAL HOME LOAN BANK BOARD Washington, DC 20552

- 14368 Study of savings and loan industry [papers, with bibliographies]. July 1969 [published 1970.] \* Paper, \$8.25 per set of 4 volumes. ● Item 596  
L.C. card 72-606665 FHL 1.2: Sa 9/5/v.1-4  
v.1. ix+436 p. ll.  
v.2. viii+437-969 p. ll.  
v.3. x+971-1433 p. ll.  
v.4. iii+[1]+1436-1822 p. ll.

## FEDERAL HOUSING ADMINISTRATION, Housing and Urban Development Dept., Washington, DC 20411

- 14369 FHA regulations: [Project mortgage insurance, amendments to sec. 236.70]. [1970.] [46] p. [Includes Project transmittal 72, June 1970. Issued in looseleaf form.] † HH 2.6: M 84/6/964/trans.72
- 14370 Rent supplement regulation no. 5 [Apr. 28, 1970.] [4] p. [Issued in looseleaf form.] † HH 2.6: R 29/trans.5

## FEDERAL INTERAGENCY COMMITTEE ON EDUCATION

NOTE.—The Federal Interagency Committee on Education was established by Executive order 11185, Oct. 16, 1964.

- 14371 Federal agencies and Black colleges. June 1970. viii+45 p. † ● Item 1062-A  
L.C. card 71-608222 Y 3.Ed 8: 2 B 56

## FEDERAL MARITIME COMMISSION Washington, DC 20573

- FMC SP (series). † FMC 1.9: 70-(nos.)
- 14372 70-33. Remarks of Helen Delich Bentley, Chairman, Federal Maritime Commission, luncheon speaker on occasion of Lash Italia launching. Avondale shipyards, New Orleans, La., July 11, 1970. [1970.] 6 p. 4°
- 14373 70-34. Remarks by Mrs. Helen Delich Bentley, Chairman, Federal Maritime Commission on occasion of Port of Pensacola dedication ceremony Pensacola, Fla., Aug. 17, 1970. 10 p. 4°
- 14374 70-35. Remarks of Commissioner James V. Day, Federal Maritime Commission, at 50th annual meeting of Associated Industries of Maine at Boothbay, Maine, Sept. 11, 1970. 1970. 7 p. 4°

## FEDERAL POWER COMMISSION Washington, DC 20426

- FPC-S (series).
- 14375 204. Hydroelectric plant construction cost and annual production expenses, 12th annual supplement, 1968; [prepared by Bureau of Power]. Apr. 1970. xxvi+112 p. map 4° \* Paper, \$1.25. ● Item 440  
L.C. card 58-61266 FP 1.21: 204
- National electric rate book, rate schedules for electric service in communities of 2,500 population or more, residential, commercial, and industrial services. [Issued with perforations.]
- NOTE.—The complete rate book is made up of separate publications, each representing a State. They are sold on subscription basis by the Superintendent of Documents, \$12.50 a year, \$4.25 additional for foreign mailing; single copy, 25c.
- 14376 California, July 1970. [2]+31 p. 4° [Supersedes issue of Apr. 1969.] ● Item 437-A-4 FP 1.18: C 12/970

‡For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

## GOVERNMENT PUBLICATIONS

### National electric rate book—Continued

- 14377 Ohio, June 1970. [2]+38 p. 4° [Supersedes issue of May 1969.] ● Item 437-A-33 FP 1.18: Oh 3/970
- 14378 Pennsylvania, July 1970. [2]+32 p. 4° [Supersedes issue of Apr. 1969.] ● Item 437-A-36 FP 1.18: P 38/970
- 14379 1970 national power survey, Federal Power Commission [guidelines for growth of electric power industry]: pt. 3, Advisory reports to Federal Power Commission [with selected bibliographies]; prepared by South Central Regional Advisory Committee, West Central Regional Advisory Committee; West Regional Advisory Committee. [1970.] [489] p. il. 4° \* Paper, \$5.25. ● Item 436 L.C. card 70-609145 FP 1.2: P 87/970/pt.3
- 14380 Publications list, June 1970. [1970.] 4 p. 4° † FP 1.26: 970-2

### FEDERAL RAILROAD ADMINISTRATION, Transportation Dept. Washington, DC 20591

- 14381 Development of nonfriction braking systems for high speed trains [with list of references; by R. J. Cassidy, R. L. Pleuthner, and F. K. Schenkel]. [1970.] xi+194 p. il. 4° [Prepared for Office of High Speed Ground Transportation] ‡ TD 3.2: B 73
- NECTP [Northeast Corridor Transportation Project] (series). High Speed Ground Transportation Office.)
- 14382 209. Northeast Corridor Transportation Project report, Apr. 1970. [1970.] [250] p. il. 4° † TD 3.13: 209
- Railroad accident investigation report.
- 14383 4152. Great Northern Railway Company (Burlington Northern, Inc.). Marysville, Wash., June 6, 1969. [1969.] [4]+14 p. il. (Railroad Safety Bureau.) † TD 3.110: 4152
- 14384 Study of stability and dynamic response of linear induction motor test vehicle [with list of references; by T. G. Pearce and B. J. May]. Sept. 1969. cover title, xii+75 p. il. 4° (Office of High-Speed Ground Transportation) [Prepared under contract FR3-0261 by British Railways Research Department, Advanced Projects Division, Derby, England.] † Paper, \$3.00 TD 3.2: L 63

### FEDERAL REGISTER OFFICE, General Services Administration Washington, DC 20408

- 14385 United States Government organization manual, 1970-71. Revised July 1, 1970. [1970.] viii+820 p. [Includes Constitution of United States with amendments. Revised annually. Margin index and how to use on p. 4 of cover.] \* Paper, \$3.00. ● Item 577 GS 4.109: 970
- L.C. card 35-26025

### FEDERAL RESERVE SYSTEM BOARD OF GOVERNORS Washington, DC 20551

- 14386 Changes in time and savings deposits: July-Oct. 1969; [prepared by Caroline H. Cagle]. [1970.] p. 211-224, 4° [Reprinted from Federal reserve bulletin, Mar. 1970.] † FR 1.3/a: D 441/11/969-3
- 14387 — Oct. 1969-Jan. 1970; [prepared by Caroline H. Cagle]. [1970.] p. 408-419, 4° [Reprinted from Federal reserve bulletin, May 1970.] † FR 1.3/a: D 441/11/969-70
- 14388 Economic trends in United States and outlook for developing countries, remarks by Andrew F. Brimmer, Member, Board of Governors of Federal Reserve System, before dinner meeting of Chamber of Commerce, Monrovia, Liberia, July 23, 1970. 1970. [1]+23 p. 4° † FR 1.23: B 77/59
- 14389 Federal Reserve Board publications. June 1970. 7 p. 4° † FR 1.45: 970
- 14390 Financial developments in 1st quarter of 1970. [1970.] p. 399-407, il. 4° [Reprinted from Federal reserve bulletin for May 1970.] † FR 1.3/a: F 49/10/970-1

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 14391 Forecasting economic activity in 1970, remarks of George W. Mitchell, Member, Board of Governors of Federal Reserve System, Denver Economics Club, Denver, Colo., Aug. 12, 1970. 1970. [1]+11 p. 4° †  
FR 1.23 : M 69/59
- 14392 Recent changes in structure of commercial banking. [1970.] p. 195-210, il. 4° [Reprint from Federal reserve bulletin for Mar. 1970.] †  
FR 1.3/a : B 225/23
- Regulations (series). † FR 1.6 : (letters)
- 14393 K. Corporations engaged in foreign banking and financing under Federal Reserve act, amendment, effective Mar. 3, 1970. [1970.] 1 p. 4°
- 14394 T. [Credit by brokers and dealers], supplement, effective, May 6, 1970. [1970.] [2] p. 4°
- 14395 U. [Credit by banks for purpose of purchasing or carrying margin stocks], supplement, effective May 6, 1970. [1970.] 1 p. 4°
- 14396 V. [Loan guarantees for defense production as amended effective Sept. 27, 1966], supplement, sec. 7, Maximum rates of interest, guarantee fees, and commitment fees, effective June 4, 1970. [1970.] 1 p. 4°
- 14397 Z. Truth in lending, amendment, effective Mar. 12, 1970. [1970.] 1 p. 4°

## FEDERAL SUPPLY SERVICE, General Services Administration Washington, DC 20405

- 14398 Federal specifications. ● Item 563 GS 2.8:  
NOTE.—These specifications are completely covered by the Index of Federal specifications and standards. Individual specifications are not listed in the Monthly Catalog.  
Index of Federal specifications and standards January 1, 1970, with cumulative supplements as issued (GS2.8 : 1970 is sold by the Superintendent of Documents on a subscription basis at \$3.50 a yr., \$1.00 additional for foreign mailing.
- 14399 Inventory of automatic data processing equipment in United States Government, fiscal year 1970. [1970.] 394 p. 4° \* Paper, \$2.75. ● Item 853-B GS 2.15 : 970  
L.C. card 70-600875

## FEDERAL WATER QUALITY ADMINISTRATION, Interior Dept. Washington, DC 20242

NOTE.—The name of the Federal Water Pollution Control Administration has been changed to Federal Water Quality Administration.

- 14400 Clean water for mid-America. [Apr. 1970.] cover title, il+26 p. il. 4° (Public Information Office, Great Lakes Region.) [Text and other illustrations p. 2-4 of cover.] † I 67.2 : C 58/3
- 14401 Conference in matter of pollution of interstate waters of Escambia River Basin (Alabama-Florida) and intrastate portions of Escambia Basin within State of Florida, v. 2, Gulf Breeze, Fla. Jan. 22-22, 1970. [1970.] [1]+336-605 p. il. 12 p. of pl. 13 tab 4° † ● Item 473-A-1 I 67.2 : Es 1/v.2  
L.C. card 75-608290
- 14402 Conference in matter of pollution of navigable waters of Mobile Bay and its tributaries, Alabama, Jan. 27-28, 1970, Mobile, Ala., proceedings. [1970.] cover title, 1-1b, 2-3c, 4-4i, 5-6a, 7-527a, 528-539 p. il. 4° † ● Item 473-A-1 I 67.2 : M 71  
L.C. card 71-608711
- 14403 Industrial waste guide on logging practices. Portland, Oreg., Feb. 1970. v+[5]+40 [39] p. il. 40° ([Northwest Regional Office.]) † I 67.8/2 : L 82
- 14404 Mineral quality problem in Colorado River Basin: Appendix B, Physical and economic impacts [with bibliography]; prepared by Colorado River Basin Water Quality Control Project, Denver, Colo. Jan. 1970. [1]+ix +166 leaves il. 4° (Southwest Region, San Francisco, Calif.) † I 67.2 : C 71/3/app.B

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

Robert A. Taft Water Research Center: Report TWRC--(series).

I 67.19:(nos.)

- 14405 7. Laboratory investigation of regeneration of spent granular activated carbon [with list of references]; by A. J. Juhola and F. Tepper. Feb. 1969. v+91 p. il. 4° (Advanced Waste Treatment Research Laboratory.) [Submitted in fulfillment of contract 14-12-107 by MSA Research Corporation.] † Office of Information, Ohio Basin Region, Federal Water Pollution Control Administration, 4676 Columbia Parkway, Cincinnati, OH 45226
- 14406 8. Evaluation of operating parameters of alumina columns for selective removal of phosphorous from wastewater and ultimate disposal of phosphorous as calcium phosphate [with list of references]; by L. L. Ames. Mar. 1969. v+33 p. il. 4° (Advanced Waste Treatment Laboratory.) [Contract 14-12-143 by Battelle-Northwest.] † Office of Information, Ohio Basin Region, Federal Water Pollution Control Administration, 4676 Columbia Parkway, Cincinnati, OH 45226
- 14407 9. Cost and performance estimates for tertiary wastewater treating processes [with list of references]; by Robert Smith [and] Walter F. McMichael. June 1969. [2] leaves+27 p. il. 4° (Advanced Waste Treatment Research Laboratory.) † Office of Information, Ohio Basin Region, Federal Water Pollution Control Administration, 4676 Columbia Parkway, Cincinnati, OH 45226
- 14408 10. Mathematical model of sewage sludge fluidized bed incinerator capacities and costs [with bibliographies]; by G. J. Ducar and P. Levin. Sept. 1969. v.+72 p. il. 2 tab. 4° (Advanced Waste Treatment Laboratory.) [Submitted in fulfillment of contract 14-12-415 by General American Transportation Corporation. Some pages printed as leaves.] † Office of Information, Ohio Basin Region, Federal Water Pollution Control Administration, 4676 Columbia Parkway, Cincinnati, OH 45226
- 14409 Selected summaries of water research. May 1970. 3 p. 4° (Research and Development, Robert A. Taft Water Research Center, Cincinnati, Ohio.) † I 67.12: 970/1

Water pollution control research series.

I 67.13/4:(nos.)

- 14410 12000--08/69. Projects [of] Industrial Pollution Control Branch. Aug. 1969. iii+167 p. il. 4° (Division of Applied Science and Technology, Office of Research & Development.) †
- 14411 14010 DYK 03/70. Treatment of acid mine drainage by reverse osmosis [with bibliography]; by Rex Chainbelt, Inc., Milwaukee, Wisc. Mar. 1970. [4]+35+[2] p. il. 4° (FWPCA grant 14010 KYK.) [Prepared for Federal Water Quality Administration and for Commonwealth of Pennsylvania, Department of Mines and Mineral Industries, Harrisburg, Pa.] \* Paper, 55c. ● Item 473-A-1
- 14412 15080 DJO 5/70. Oil tagging system study [with list of references]; by Research Division, Environmental and Applied Sciences Center, MELPAR, American Standard Company. May 1970. viii+116+[2] p. il. 4° contract 14-12-500, Melpar ref. 9059.) \* Paper, \$1.50. ● Item 473-A-1
- 14413 16050 FGS 07/70. Interrelation of carbon and phosphorous in regulating heterotrophic and autotrophic populations in aquatic ecosystems [with list of references]; by Pat C. Kerr, Doris F. Paris, and D. L. Brockway. [1970.] [1]+v+53 p. il. 4° (Southeast Water Laboratory, National Pollutants Fate Research Program, Athens, Ga.) \* Paper, 60c. ● Item 473-A-7
- 14414 17020 DNQ 09/69. Study of powdered carbons for waste water treatment and methods for their application [with list of references]; by West Virginia Pulp and Paper Company, Covington, W. Va. Sept. 1969. [4]+34 p. il. 4° (Contract 14-12-75.) †
- 14415 17070 DJW 11/69. State of art review on product recovery [with list of references]; by Resource Engineering Associates, Wilton, Conn. Nov. 1969. xv+95 p. il. 4° (Contract 14-12-495.) †
- 14416 DAST-4. Crazed resin filtration of combined sewer overflows, self-adjusting and self cleaning filter feasibility study [with list of references]; by Hercules Incorporated, Allegheny Ballistics Laboratory. Oct. 1968. x+78+A36 p. il. 4° (Contract 14-12-39.) [This publication has been redesignated 11020--10/69 by the Administration.] †
- 14417 DAST-9. Reduction of ground-water infiltration into sewers by zone pumping at Meridian, Idaho. June 1969. vi+28+[1] p. il. 1 pl. 4° (Grant 29-IDA-2.) [This publication has been redesignated 11020--06/69 by the Administration.] †
- 14418 DAST-13. Design of combined sewer fluidic regulator, development of basic configurations and design criteria for applications of fluidics in sewer regulators; by Bowles Engineering Corporation. Oct. 1969. xlii+137+[1] p. il. 4° (Program 11024 DGZ, contract 14-12-486.) [This publication has been redesignated 11020DGZ 10/69 by the Administration.] †  
L.C. card 75-609141
- 14419 Water quality in submarine basins off southern California [with bibliography]. Nov. 1968. [2]+li+31 p. il. 4° (Pacific Southwest Region.) †  
L.C. card 72-608966 I 67.2: Su 1

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1970

FINE ARTS COMMISSION  
Washington, DC 20240

Historic American Buildings Survey selections.

- 14420 6. Georgetown architecture, northwest, northwest Washington, District of Columbia [with lists of references]. viii + 661 p. il. 4° † ● Item 648-B  
L.C. card 71-608955 I 29.74 : G 29/5

FISH AND WILDLIFE SERVICE, Interior Dept.  
Washington, DC 20240

- 14421 Anadromous fish resources, their conservation, development, enhancement. Mar. 1970. iv + 28 p. il. 4° (Commercial Fisheries Bureau; Sport Fisheries and Wildlife Bureau.) \* Paper, 40c. ● Item 612  
L.C. card 78-608682 I 49.2 : An 1
- 14422 — [supplement]. July 1970. [3] + 19 p. 4° (Commercial Fisheries Bureau; Sport Fisheries and Wildlife Bureau.) † ● Item 612  
L.C. card 78-608682 I 49.2 : An 1/supp.970

FOOD AND DRUG ADMINISTRATION, Health, Education, and  
Welfare Dept., Washington, DC 20201

- 14423 Poison control statistics, 1969. [1970.] [669] p. 4° ([National Clearinghouse for Poison Control Centers.]) ‡  
HE 20.4019 : 969

FOREIGN AGRICULTURAL SERVICE, Agriculture Dept.  
Washington, DC 20250

[Foreign Agricultural Service miscellaneous], FAS M (series).

- 14424 154. Cotton in Central America; [by Vernon L. Harneis and Robert D. Pugh]. Revised Aug. 1970. [1970.] cover title. iv + 28 p. il. 4° ([Cotton Division.]) [Prepared in cooperation with Cotton Council International.] †  
L.C. card 76-608829 A 67.28 : 154/2

FOREST SERVICE, Agriculture Dept.  
Washington, DC 20250

- 14425 American woods : Balsam fir [with list of references; by David L. Sonderman]. [Revised July 1970.] [1970.] 8 p. il. 4° (FS-234.) [Issued with perforations.] † ● Item 80-A  
A 13.31 : F 51/4/970
- 14426 Annotated list of publications of Pacific Northwest Forest and Range Experiment Station, 1969. Portland, Oreg., 1970. cover title, 10 p. 4° [Contents on p. 2 of cover.] †  
L.C. card 74-600809 A 13.66/15 : P 96/969
- 14427 Bullards Bar Recreation Area. [1970.] [2] p. il. oblong 8°, folded into narrow 8° size. (California [region].) †  
A 13.13 : B 87
- 14428 [Cooperative forest fire control, program financing], Federal allotments to States for forest fire cooperation, under sec. 2, Clarke-McNary law, act of June 7, 1924 (43 Stat. 653), cooperative financing allotments, f.y. 1971, preliminary allotments, 50 States; prepared by Division of Cooperative Fire Control. Aug. 1970. 1 p. 4° (3130.) † A 13.2 : F 51/49/971/prelim.
- 14429 Directions for treatment of cross sections of green logs and limewood to prevent splitting and checking. Feb. 1970. 4 p. 4° (70-006; [Forest Products Laboratory, Madison, Wis.]) ‡  
A 13.27/2 : L 82/3
- 14430 Eleven Point River. [1970.] [15] p. il. 4° (Mark Twain National Forest, [Springfield, Mo.]) [Some illustrations are colored.] ‡ A 13.13 : El 2/5
- Engineering technical information system : Technical report ETR (series).
- 14431 7700-5. Fish versus culverts, some considerations for resource managers [with list of references]; by Howard E. Metsker. July 1970. iv + 19 p. il. 4°  
† Technical Information Center, Division of Engineering, USDA-Forest Service, Washington, DC 20250. A 13.84 : 7700-5

4For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 69

# GOVERNMENT PUBLICATIONS

- 14432 Equip tips: Edson model 117A lever-action hand pump for chemical toilet servicing. May 1970. 3 p. il. 4° (ED&T 1423; Equipment Development Center, San Dimas, Calif.) [Issued with perforations.] ‡  
A 13.49/4-2: Ed 7
- 14433 — Multi-hitch trailer coupling. May 1970. 1 p. il. 4° (7100; Equipment Development Center, Missoula, Mont.) [Issued with perforations.] ‡  
A 13.49/4-2: C 83
- Equipment development and test report [ED&T] (series.) ‡  
A 13.49/4: (nos.)
- 14434 7400-4. Aerofoed hypochlorinator, series WF, evaluation. May 1970. [3]+1+17 p. il. 4° (ED&T project 1546; Equipment Development Center, San Dimas, Calif.) [Issued with perforations.]
- 14435 7700-2. Evaluation of Morrison trailblazer. Apr. 1970. [1]+vi+15 p. il. 4° (Equipment Development Center, Missoula, Mont.)
- 14436 Fire control notes, [quarterly periodical devoted to forest fire control], index, author-subject, 1964-69. July 1970. 12 p. 4° ‡ ● Item 82  
L.C. card Agr 37-16  
A 13.32: 25-30/Ind.
- 14437 Forest atlas of the South. 1969. cover title, 27 p. il. map in pocket, oblong large 8° (Southern Forest Experiment Station, New Orleans, La., and Southeastern Forest Experiment Station, Asheville, N.C.) [Some illustrations are colored.] ‡  
L.C. card 77-653801  
A 13.40/2: At 6
- 14438 Forest insect conditions in United States, 1969. [July 1970.] vi+40 p. il. 4°  
‡ ● Item 82-B  
A 13.52/2: 969
- Forest pest leaflets. ● Item 82.A  
A 13.52: (nos.)
- 14439 5. Douglas-fir beetle [with list of references; by] M. M. Furniss and P. W. Orr. Revised July 1970. [1970.] 4 p. il. \* Paper, 10c.
- 14440 27. Southern cone rust [with list of references; by] George H. Hepting and Frederick R. Matthews. Revised July 1970. [1970.] 4 p. il. ‡
- 14441 47. Sitka-spruce weevil [with list of references; by] Kenneth H. Wright. Revised July 1970. [1970.] 6 p. il. ‡
- 14442 68. Eastern subterranean termite; [by] V. K. Smith, jr., and H. R. Johnston. Revised June 1970. [1970.] 8 p. il. ‡
- 14443 75. Beech bark disease [with list of references; by] Alex L. Shigo. Revised 1970. [1970.] 8 p. il. ‡
- 14444 76. Annosus root rot in eastern pines [with list of references; by] H. R. Powers, jr., and C. S. Hodges, jr. Revised June 1970. [1970.] 8 p. il. ‡
- 14445 79. Sweetfern rust on hard pines [with list of references; by] Gerald W. Anderson. Revised July 1970. [1970.] 6 p. il. ‡
- 14446 85. Walnut anthracnose [with references; by] Frederick H. Berry. Revised July 1970. [1970.] 4 p. il. ‡
- 14447 Forest waters, [George Washington National Forest]. [1970.] [8] p. il. narrow 8° ([Southern region.]) ‡  
A 13.13: F 76
- 14448 French Meadows, Hell Hole Recreation Areas, [San Francisco, 1970.] p. il. narrow 8°, folded into oblong 48° size. ‡  
A 13.13: F 88
- 14449 Garden of the Gods Recreation Area. [1970.] [4] p. il. narrow 8° (Shawnee National Forest.) ‡  
A 13.13: G 16
- 14450 Hoosier National Forest. [1970.] [2] p. il. oblong 8° folded into narrow 8° size. [Illustrations are colored.] ‡  
A 13.13: H 76
- 14451 National forest timber sale accomplishments for fiscal year 1969. Mar. 20, 1970. 2+[3] p. 4° ‡  
L.C. card 65-62582  
A 13.2: T 48/40/969
- 14452 National forests, fire report, 1969. [1970.] [1]+7+[17] p. il. 4° ‡  
L.C. card 58-27777  
A 13.32/3: 969
- 14453 National forests in Pacific Northwest, 1969. [1970.] cover title, 32 p. il. 4° ([Pacific Northwest Region (R-6).]) [Text, illustrations, and map on p. 2-4 of cover.] ‡  
L.C. card 68-60818  
A 13.13/2: P 11/969
- 14454 Olympic National Forest, 1969. [1969.] cover title, [12] p. il. 4° [Text on p. 2-4 of cover.] ‡  
A 13.13/2: OI 9/969

\*For Sale by Superintendent of Documents  
‡Distribution Made by Issuing Office  
‡Official Use. Not Available

# OCTOBER 1970

- 14455 Organization and management systems in Forest Service, summary from manual. Revised July 1970. [1970.] iii+79 p. il. 4° ([FS-35.]) \* Paper, 75c. ● Item 86-C A 13.36/2: Or 3/970
- 14456 Pacific Crest National Scenic Trail, Oreg. 1970. [2] p. il. oblong f° folded into 8° size. (Pacific Northwest Region.) † A 13.13: P 11/970
- 14457 Proceedings of 6th Central States Forest Tree Improvement Conference, Oct. 16-18, 1969, Carbondale, Ill. and St. Louis, Mo., ornamental tree and shrub improvement, forester's role [articles, lists of literature cited]; editor, David T. Funk. [1970.] [3]+62 p. il. 4° [Published in cooperation with North Central Forest Experiment Station, St. Paul, Minn. and Forestry Department, School of Agriculture, Southern Illinois University, Carbondale, Ill.] † L.C. card 76-607079 A 13.2: C 33
- Research note FPL-(series). (Forest Products Laboratory, Madison, Wis.)
- 14458 FPL-0125. Wood finishing, blistering, peeling, and cracking of house paints from moisture; by Forest Products Laboratory. May 1970. 7 p. 4° † A 13.79: FPL-0125
- Research note NE-(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.)
- 14459 NE-114. Germinating pokeberry seed (*Phytolacca americana* L.); [by Arnold Krochmal]. [1970.] 4 p. il. † A 13.79: NE-114
- Research note PNW (series). (Pacific Northwest Forest and Range Experiment Station, Portland, Oreg.)
- 14460 PNW-119. Preliminary site index curves for noble fir from stem analysis data [with list of literature cited]; by Donald J. DeMars, Francis R. Herman and John F. Bell. May 1970. 9 p. 4° † A 13.79: PNW-119
- Research note PSW-(series). (Pacific Southwest Forest and Range Experiment Station, Berkeley, Calif.)
- 14461 PSW-58. Natural regeneration of white and red fir influence of several factors [with list of literature cited; by] Donald T. Gordon. 1970. [2]+32 p. il. 4° [Abstract cards inserted.] † L.C. card 70-608716 A 13.79: PSW-58
- Research note RM-(series). (Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colo.) † A 13.79: RM-(nos.)
- 14462 RM-114. Transmitter for tracking wildlife; by David R. Patton [and others]. 1968, revised 1970. [1970.] 4 p. il. 4°
- 14463 RM-167. Lindane spray effective against mountain pine beetle in Rocky Mountains [with list of literature cited]; by Robert E. Stevens and James C. Mitchell. 1970. 4 p. il. 4°
- Research paper FPL-(series). (Forest Products Laboratory, Madison, Wis.) † A 13.78: FPL-(nos.)
- 14464 FPL-130. Thermal degradation of wood components, review of literature [and with list of literature cited; by F. C. Beall and H. W. Eickner]. May 1970. cover title, 26 p. il. 4° [Summary and table of contents on p. 2 of cover. Accompanied by abstract cards.] L.C. card 72-609064
- 14465 FPL-131. Measuring shrinkage in handsheets during drying [with list of literature cited; by Gary C. Myers]. May 1970. cover title, 14 p. il. 4° [Text on p. 2 of cover. Accompanied by abstract cards.]
- 14466 FPL-134. Tables for developing nonparametric estimates of near-minimum property values; [by B. A. Bendtsen and Fred Rattner]. Apr. 1970. cover title, 13 p. 4° [Abstract on p. 2 of cover and p. 13 on p. 3 of cover. Accompanied by abstract cards.]
- 14467 FPL-135. Buckling coefficients for simply supported, flat, rectangular sandwich panels under biaxial compression; [by Edward K. Kuenzi]. Apr. 1970. cover title, 18 p. il. 4° [Text on p. 2 of cover. Accompanied by abstract cards. Prepared in cooperation with MIL-HDBK-23 working group on composite construction for aerospace vehicles, Air Force, Navy, and Commerce Depts.]
- 14468 FPL-136. Cushioning performance of multilayer corrugated fiberboard pads loaded at center only; [by C. A. Jordan]. June 1970. cover title, 13 p. il. 4° [Page 13, last page of text, appears on p. 3 of cover. Text on p. 2 of cover. Accompanied by abstract cards.]
- 14469 FPL-138. Tensile strength of finger joints in pith-associated and non-pith-associated southern pine 2 by 6's [with list of literature cited; by R. C. Moody]. Apr. 1970. cover title, 20 p. il. 4° [Abstract on p. 2 of cover. Accompanied by abstract cards.]

# GOVERNMENT PUBLICATIONS

- Research paper ITF--(series). Institute of Tropical Forestry, Rio Piedra, P.R.)
- 14470 ITF-10. Preservative treatments and service life of fence posts in Puerto Rico (1969 progress report) [with list of literature cited]; by M. Chudnoff, R. S. Boone, and E. Goytia. Dec. 1969. 30 p. il. 4° [Summary in Spanish on p. 2 of cover. Accompanied by abstract cards.] †  
A 13.78: ITF-10
- Research paper NC--(series). (North Central Forest Experiment Station, St. Paul, Minn.)
- 14471 NC-36. Biological growth functions describe published site index curves for Lake States timber species; [by] Allen L. Lundgren, William A. Dolid. 1970. cover title, 9 p. il. 4° [Includes text, and list of literature cited p. 9 of text on p. 2-3 of cover. Abstract cards inserted.] †  
L.C. card 75-608720 A 13.78: NC-36
- Research paper NE--(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.) †  
A 13.78: NE--(nos.)
- 14472 NE-155. Experimental planting of 14 tree species on Pennsylvania's anthracite strip-mine spoils [with list of literature cited]; by Mirosław M. Czapowskyj. 1970. cover title, [1]+18 p. il. [Text on p. 2 of cover. Abstract cards inserted.]
- 14473 NE-158. Erosion control on logging roads in Appalachians [with list of references]; by James N. Kochenderfer. 1970. cover title, [1]+28 p. il. [Text on p. 2-3 of cover.]
- Research paper PNW--(series). (Pacific Northwest Forest and Range Experiment Station, Portland, Oreg.) †  
A 13.78: PNW--(nos.)
- 14474 PNW-89. Timber flows and utilization patterns in Douglas-fir region, 1966; [by] John W. Austin. 1969. cover title, il+89+[1] p. il. 4°
- 14475 PNW-97. Slash fire atmospheric pollution [with list of references]; by Leo Fritschen (and others). 1970. cover title, [5]+42 p. il. 4° [Text on p. 2 of cover. Abstract cards attached.]
- 14476 PNW-99. Two keys for appraising forest fire fuels [with list of literature cited; by] George R. Fahnestock. 1970. cover title, [1]+26+[1] p. il. 4° [Text on p. 2 of cover. Illustrations are colored.]
- 14477 PNW-101. New and easier way to estimate quality of inland Douglas-fir sawtimber; by Paul H. Lane, Marlin E. Plank, and John W. Henley. 1970. cover title, 1+9+[1] p. il. 4°
- Research paper RM--(series). (Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colo.)
- 14478 RM-56. Effects of tree and sawyer factors on costs of felling large alligator junipers [with list of literature cited]; by Robert L. Miller and Thomas N. Johnsen, Jr., July 1970. [2]+8+[1] p. il. 4° †  
A 13.78: RM-56
- Research paper SE--(series). (Southeastern Forest Experiment Station, Asheville, N.C.)
- 14479 SE-59. Some applications of principle of conditional error [with list of literature cited]; by Benec F. Swindel. May 1970. cover title, 48 p. 4° [Abstract cards on p. 3 of cover.] †  
A 13.78: SE-59
- Research paper SO--(series). (Southern Forest Experiment Station, New Orleans, La.) †  
A 13.78: 50--(nos.)
- 14480 SO-47. Identifying juvenile seedlings in southern hardwood forests [with list of references; by] Louis C. Malsenhelder. 1969. cover title, il+77 p. il. 4° [Abstract cards inserted.]
- 14481 SO-50. Establishment and early care of sycamore plantations [with list of literature cited; by] C. B. Briscoe. 1969. cover title, [2]+18 p. il. 4° [Abstract cards inserted. Insert, Sycamore seed characteristics table, was also issued.]
- Resource bulletin NC--(series). (North Central Forest Experiment Station, St. Paul, Minn.)
- 14482 NC-9. Growing timber resource of Michigan, 1966; by Clarence D. Chase, Ray E. Pfeifer and John S. Spencer, Jr. 1970. [2]+62 p. il. 4° [Text, colored map and list of previous reports on Michigan's timber resource on p. 2-4 of cover. Abstract cards inserted.] †  
L.C. card 74-608874 A 13.80: NC-9
- Resource bulletin NE--(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.) †  
A 13.80: NE--(nos.)
- 14483 NE-19. Timber resources of Ohio [with selected bibliography for timber management; by Neal P. Kingsley and Carl E. Mayer]. 1970. cover title, [2]+137 p. il. Text on p. 2-3 of cover. One map is colored. Accompanied by abstract cards.]  
L.C. card 78-608946

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

# OCTOBER 1970

- 14484 NE-21. Veneer industry in Northeast, 5-year updating of data on veneer-log production and receipts; by James T. Bones and David R. Dickson. cover title, [1]+17 p. il. [Abstract cards inserted.] L.C. card 79-609063

Resource bulletin SO-(series). (Southern Forest Experiment Station, New Orleans, La.)

- 14485 SO-20. Forest statistics for Delta and Ouachita regions of Arkansas; [by] Arnold Hedlund and J. M. Earles. 1969. cover title, 12 p. il. 4° [Text and illustration on p. 2 of cover. Abstract cards inserted.] † A 13.80 : SO-20

- 14486 Single-span skyline timber volume survey, Pacific Northwest region. [1970.] cover title, [8] p. il. oblong 8° [Text and map on p. 3 of cover.] † A 13.2 : T 48/39

- 14487 Siskiyou, 1969, national wild & scenic river forest, stockholders report. Siskiyou National Forest. [1970.] cover title, 18 p. il. 4° [Page 1 and p. 18 printed on inside of front and back cover.] † A 13.13/2 : SI 8/969

- 14488 Southern States and Forest Service cooperating for trees and forests in crowded world of tomorrow. [1970.] [15] p. il. 4° † A 13.2 : T 71/25

- 14489 Tolyabe National Forest, Carson Ranger District. [1970.] 1 sheet (with map on verso) il. oblong 8° folded into narrow large 8° size [Map content is current as of Apr. 1969, compiled at Regional Office, Ogden, Utah and is colored.] † A 13.13 : T 57

- 14490 Willamette, 1969, annual public report of Willamette National Forest, trends in management of Douglas-fir forest. [1969.] cover title, 24 p. il. 4° [Text and illustration on p. 2-4 of cover.] † A 13.13/2 : W 66/969

## GENERAL ACCOUNTING OFFICE Washington, DC 20548

- 14491 Report to Congress: Action required to improve Department of Defense career program for procurement personnel; by Comptroller General of United States. Aug. 13, 1970. [B-164682.] cover title, [10]+62 p. 4° † Paper, \$1.00. L.C. card 71-608817 GA 1.13 : D 36/7

- 14492 — Actions taken or planned to improve use of cargo space on aircraft operated under contract with Department of Defense; by Comptroller General of United States. Aug. 19, 1970. cover title, [8]+49 p. il. 4° (B-133025.) † Paper, \$1.00. L.C. card 79-608819 GA 1.13 : A1 7/97

- 14493 — Assurances needed that cost of Celilo-Mead Transmission line project will be recovered, Interior Dept.; by Comptroller General of United States. Aug. 5, 1970. cover title, [1]+4+[1]+32 p. il. 4 (B-164064.) † Paper, \$1.00. L.C. card 74-608472 GA 1.13 : C 33

- 14494 — Audit of financial statements of Federal home loan banks supervised by Federal Home Loan Bank Board for year ended Dec. 31, 1969; by Comptroller General of United States. Aug. 10, 1970. cover title, [5]+20 p. 4° (B-114827.) † Paper, \$1.00. L.C. card 66-62274 GA 1.13 : F 31/18/969

- 14495 — Audit of financial statements of St. Lawrence Seaway Development Corporation, calendar year 1969, Department of Transportation; by Comptroller General of United States. Aug. 26, 1970. (B-125007.) cover title, [6]+23 p. 4° (B-125007.) † Paper, \$1.00. GA 1.13 : Sa 2/2/969

- 14496 — Construction costs for certain Federally financed housing projects increased due to inappropriate minimum wage rate determinations, Department of Labor; by Comptroller General of United States. Aug. 12, 1970. cover title, [8]+61 p. il. 4° (B-146842.) † Paper, \$1.00. L.C. card 74-608815 GA 1.13 : H 81/49

\*For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

•Sent to Depository Libraries

Page 73

# GOVERNMENT PUBLICATIONS

- 14497 — Continuing problems in providing nursing home care and prescribed drugs under medicaid program in California, Social and Rehabilitation Service, Department of Health, Education, and Welfare; by Comptroller General of United States. Aug. 26, 1970. cover title, [8]+59 p. 4° (B-164031 (3).) † Paper, \$1.00.  
L.C. card 76-608723 GA 1.13: N 93/5
- 14498 — Examination of financial statements of Federal Home Loan Bank Board for year ended Dec. 31, 1969; by Comptroller General of United States. Sept. 2, 1970. cover title, [5]+17 p. 4° (B-114827.) † Paper, \$1.00.  
L.C. card 79-602168 GA 1.13: F 31/19/969
- 14499 — High turnover of managers directing major research and development projects, Department of Army; by Comptroller General of United States. Aug. 31, 1970. cover title, [1]+3+[2]+36 p. 4° (B-167412.) † Paper, \$1.00.  
L.C. card 76-608707 GA 1.13: M 31/7
- 14500 — Improved accounting control over equipment at Kennedy Space Center, National Aeronautics and Space Administration; by Comptroller General of United States. Aug. 11, 1970. cover title, [8]+41 p. 4° (B-169658.) † Paper, \$1.00.  
L.C. card 74-608744 GA 1.13: K 38/2
- 14501 — Improvements needed in determining graduate education requirements for military officer positions, Department of Defense; by Comptroller General of United States. Aug. 28, 1970. cover title, [1]+3+[2]+42 p. 4° (B-165558.) † Paper, \$1.00.  
L.C. card 70-608708 GA 1.13: G 75
- 14502 — Improvements needed in Federal Aviation Administration procedures for determining excess spare parts, Department of Transportation; by Comptroller General of United States. July 22, 1970. cover title, [5]+25 p. 4° (B-164497 (1).) † Paper, \$1.00.  
L.C. card 78-608264 GA 1.13: Sp 2/25
- 14503 — Improvements needed in financial management system of Trust Territory of Pacific Islands, Department of Interior; by Comptroller General of United States. June 26, 1970. cover title, [1]+4+[2]+53 p. 4° (B-114888.) † Paper, \$1.00.  
L.C. card 73-608855 GA 1.13: T 77/2
- 14504 — Improvements needed in reclaiming usable parts from excess aircraft, Department of Defense; by Comptroller General of United States. Aug. 6, 1970. cover title, [7]+26 p. 4° (B-157373.) † Paper, \$1.00.  
L.C. card 70-608743 GA 1.13: A1 7/96
- 14505 — Need for improved operation and maintenance of municipal waste treatment plants, Federal Water Quality Administration, Department of Interior; by Comptroller General of United States. Sept. 1, 1970. cover title, [1]+3+[3]+98 p. 4° (B-166506.) † Paper, \$1.00.  
L.C. card 70-608854 GA 1.13: W 28/3
- 14506 — Need for improving program for use and redistribution of excess materiel in Pacific area, Department of Defense; by Comptroller General of United States. Aug. 14, 1970. cover title, [8]+37 p. 4° (B-169427.) † Paper, \$1.00.  
L.C. card 72-608852 GA 1.13: M 41/11
- 14507 — Need to improve effectiveness of contractor procurement system reviews, Department of Defense, National Aeronautics and Space Administration; by Comptroller General of United States. Aug. 18, 1970. cover title, [8]+38 p. 4° (B-169434.) † Paper, \$1.00.  
L.C. card 79-608851 GA 1.13: C 76/28

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 14508 — Need to strengthen concrete inspections and testing requirements in construction of low-rent public housing projects, Department of Housing and Urban Development; by Comptroller General of United States. March 24, 1970. cover title, [7]+31 p. 4° (B-118718.) † Paper, \$1.00. L.C. card 71-606741 GA 1.13: H 81/48
- 14509 — Opportunity for accelerating construction and reducing cost of low-rent housing, Department of Housing and Urban Development; by Comptroller General of United States. Aug. 4, 1970. cover title, [7]+40 p. 4° (B-114863.) † Paper, \$1.00. L.C. card 71-608746 GA 1.13: H 81/50
- 14510 — Opportunity for Coast Guard to reduce cost of vessel construction by not requiring shipbuilders to buy insurance and performance and payment bonds, Department of Transportation; by Comptroller General of United States. Aug. 12, 1970. cover title, [5]+20 p. 4° (B-114851.) † Paper, \$1.00. L.C. card 70-608814 GA 1.13: V 63/6
- 14511 — Progress and problems in U.S. aid to economic unification of Central America, Department of State, Agency for International Development; by Comptroller General of United States. Aug. 13, 1970. cover title, [9]+82 p. 4° (B-169350.) † Paper, \$1.00. L.C. card 70-608881 GA 1.13: C 33/2
- 14512 — Providing rent-free space in Government-owned buildings to Office of Comptroller of Currency, Department of Treasury; by Comptroller General of United States. Aug. 24, 1970. cover title, 5 p. 4° (B-168904.) † Paper, \$1.00. L.C. card 78-608816 GA 1.13: G 74/5
- 14513 — Questionable waivers of preaward audits of contractors' noncompetitive price proposals, Defense Dept.; by Comptroller General of United States. Aug. 3, 1970. cover title [1]+4+[2]+43 p. 4° (B-39095.) † Paper, \$1.00. L.C. card 72-608469 GA 1.13: Au 2/S
- 14514 — Reduction of cost by improving management of Department of Defense vehicle maintenance in Europe; by Comptroller General of United States. Aug. 11, 1970. cover title, [8]+48 p. 4° (B-133244.) † Paper, \$1.00. L.C. card 78-608745 GA 1.13: V 53/14
- 14515 — Status of development of joint uniform military pay system, Department of Defense; by Comptroller General of United States. Aug. 17, 1970. cover title, [8]+38 p. 4° (B-159797.) † Paper, \$1.00. L.C. card 76-608853 GA 1.13: M 59/29
- 14516 — Survey of use of advertised contracting in military construction, Department of Defense. Aug. 18, 1970. cover title, [5]+29 p. 4° (B-133316.) † Paper, \$1.00. L.C. card 75-608818 GA 1.13: C 76/29

## GEOGRAPHIC NAMES BOARD, Interior Dept. Washington, DC 20240

### Gazetteer.

- 14517 42. U.S.S.R., v. 1. A-B, official standards names approved by United States Board on Geographic Names, 2d edition. June 1970. [2]+1x+715 p. 11 oblong 8° [Prepared in Geographic Names Division, U.S. Army Topographic Command.] † Army Topographic Command 6500 Brooks Lane, Washington, DC 20315. Attn: Geographic Names Division, 53600 ● Item 617 L.C. card 78-608761 I 33.8: 42/2/v.1

## GEOLOGICAL SURVEY, Interior Dept. Washington, DC 20242

### Bulletins. ● Item 620

I 19.3: (nos.)

- 14518 1266. Bibliography of North American geology, 1966; [by James W. Clarke and others]. 1970. xi+1069 p. ● Paper, \$4.75. L.C. card 689-427

♣For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

Page 75

# GOVERNMENT PUBLICATIONS

## Bulletins—Continued

- 14519 1267. Bibliography of North American geology, 1967. 1970. xxx+1029 p.  
\* Paper, \$4.25.  
L.C. card G89-427
- 14520 1285. Geology of Sycamore Flat and Paraiso Springs quadrangles, Monterey County, Calif. [with list of references]; by David L. Durham. 1970. iv+34 p. il. 4 pl. in pocket. [Study of stratigraphy and structure of Cenozoic sedimentary rocks in part of Salinas Valley. 3 plates are colored.] \* Paper, \$2.00.  
L.C. card 73-605400
- 14521 1311-A. Quaternary geology of Long and Bear Valleys, west-central Idaho [with list of references cited]; by Dwight L. Schmidt and J. Hoover Mackin. 1970. iii+22 p. il. 2 pl. [Prepared on behalf of U.S. Atomic Energy Commission. Late Cenozoic basin-and-range-type faulting and late Quaternary mountain-valley glaciation controlled origin and distribution of radioactive placer deposits containing monazite and euxenite. Contributions to general geology. Plates are colored.] \* Paper, \$1.00.  
L.C. card 76-608888
- 14522 1312-H. Geology, mineral deposits, and geochemical and radiometric anomalies, Serpentine Hot Springs area, Seward Peninsula, Alaska [with list of references cited]; by C. L. Sainsburg [and others]. 1970. iii+19 p. il. 2 pl. in pocket [Description of mineralized faults and veins near granite stock of Serpentine Hot Springs and geochemical and radiometric methods used to find them. Contributions to economic geology. One plate is colored.] \* Paper, \$1.00.  
L.C. card 73-608315
- 14523 1313-B. Geometric factors of bipole-dipole arrays [with list of references cited]; by Adel A. R. Zobdy. 1970. iv+26 p. il. [Nomograms, curves, and tables simplify evaluation of geometric factors of azimuthal, perpendicular, and parallel bipole-dipole electrode arrangements for measuring electrical resistivities of the earth. New techniques in direct-current resistivity exploration.] \* Paper, 25c.  
L.C. card 73-607298
- 14524 1319-C. Mineral resources of Gore Range-Eagles Nest primitive area and vicinity, Summit and Eagle Counties, Colo. [with list of references cited]; by Ogden Tweto, Bruce Bryant, and Frank E. Williams. 1970. xi+127 p. il. 2 pl. in pocket. [Evaluation of mineral potential of area. Studies related to wilderness-primitive areas.] \* Paper, \$1.50.  
L.C. card 73-607129
- 14525 1319-D. Mineral resources of Sawtooth Primitive Area, Idaho [with list of references]; by Thor H. Killgaard, Val L. Freeman and Joseph S. Coffman. 1970. ix+174 p. 2 pl. in pocket. [Evaluation of mineral potential of area. Studies related to wilderness-primitive areas.] \* Paper, \$1.75.  
L.C. card 79-607357

## Circular.

- 14526 601-E. Sediment problems in urban areas [with list of references cited]; by Harold P. Guy. 1970. v+8 p. il. 4° [Water in urban environment.] †  
\* Item 620-A  
L.C. card 76-608861 I 19.4/2: 601-E
- 14527 Floods in upper Des Moines River basin, Iowa; by Harlan H. Schwob. Iowa City, Iowa, Apr. 1970. iv+49 p. il. 4° (Water Resources Division.) [Open-file report; prepared in cooperation with Iowa State Highway Commission. Some pages are issued as leaves. P. 30 is intentionally omitted.] ‡ I 19.2: D 45
- 14528 Floods of Apr.-May 1969 in upper Midwestern United States [with list of references cited]; by David B. Anderson and Harlan H. Schwob. St. Paul, Minn. Feb. 1970. vi+555 p. il. 4° (Water Resources Division.) [Open-file report.] ‡ I 19.2: M 58/3/969
- 14529 Hydrology of 4 streams in western Washington as related to several Pacific salmon species [with list of references]; by M. R. Collings, Ronald W. Smith, and G. T. Higgins. Tacoma, Wash., 1970. xi+158 p. il. 4° (Water Resources Division.) [Open-file report. Prepared in cooperation with Washington State Department of Fisheries.] ‡ I 19.2: W 27
- 14530 Investigation of water supply near Enrico, N. Mex. in relation to nearby high energy detonations [with list of references]; by F. C. Koopman, J. A. Basler, and E. G. Lappala, May 1970. 43 leaves il. 4° [Prepared in cooperation with Air Force Weapons Laboratory (WLCD-D), Kirkland Air Force Base, N. Mex. Open-file report.] ‡ I 19.2: En 1

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 14531 National hydrologic data system for Chile, report on progress toward design and development of water-data system achieved during 3-months tour of duty, with recommendations for continued activity; by William W. Doyel and Marshall E. Moss. Santiago, Chile, Nov. 1969. [5]+141 p. 4° [Prepared in cooperation with Government of Chile under auspices of U.S. Agency for International Development. Some sections are in Spanish.] ‡ I 19.2: C 43
  - 14532 National reference list of water quality stations, water year 1970. [Jan. 1970.] cover title, vi+701 p. oblong 12° ([Date Reports Unit, Reports Section, Office of Assistant Chief for Reports and Data Processing], Water Resources Division.) ‡ L.C. card 78-608962 I 19.53/3: 970
  - 14533 New reports by Geological Survey about water in Pacific Northwest. Aug. 7, 1970. 1 p. 4° (NW Water Resources Data Center, Water Resources Division, Portland, Oreg.) [Issued with perforations.] † I 19.14/2: W 29/10/970-2
- Professional papers. ● Item 624 I 19.16: (nos.)
- 14534 306-D. Geology and paleontology of Canal Zone and adjoining parts of Panama: Description of Tertiary mollusks (gastropods, culimidae, marginellidae to helminthoglyptidae) [with list of references cited]; by W. F. Woodring. 1970. iii+299+452+ [1] p. il. 19 p. of pl. 4° [Contributions to Panama land bridges.] \* Paper, \$2.25. L.C. card 70-608889
  - 14535 620. Upper Precambrian and Lower Cambrian strata in southern Great Basin, Calif. and Nev. [with list of references cited]; by John H. Stewart. 1970. v+206 p. il. 3 pl. in pocket, 4° [Stratigraphy and origin of thick upper Precambrian and Lower Cambrian detrital rocks that constitute initial deposits of Cordilleran geosyncline.] \* Paper, \$3.00. L.C. card 74-604126
  - 14536 627-D. Urbanization and its effects on temperature of streams on Long Island, N.Y. [with list of references cited]; by Edward J. Pulhowski. 1970. v+110 p. il. 4° [Thermal patterns of five streams on Long Island, N.Y. are defined and analyzed. Hydrology and some effects of urbanization on Long Island, N.Y.] \* Paper, \$1.25. L.C. card 73-607326
  - 14537 641-B. Gneissic and igneous rocks of Quadrilátero Ferrífero, Minas Gerais, Brazil [with list of references cited]; by Norman Herz. 1970. iv+53 p. il. pl. in pocket 4° [Prepared in cooperation with Departamento Nacional da Producao Mineral of Brazil under auspices of Agency for International Development of U.S. Department of State. Study of age, composition, and origin of Precambrian igneous and ultrametamorphic rocks in Brazilian shield. Regional geology of Quadrilátero Ferrífero, Minas Gerais, Brazil.] \* Paper, \$1.00. L.C. card 72-606937
  - 14538 700-C. Geological Survey, research, 1970 chap. C [articles with lists of references]. 1970. v+251 p. il. 4° [Scientific notes and summaries of investigations in geology, hydrology, and related fields.] \* Paper, \$3.25. L.C. card 68-46150
  - 14539 Raft River basin, Idaho-Utah, as of 1966, reappraisal of water resources and effects of ground-water development [with list of references cited]; by E. H. Walker [and others]. Boise, Idaho, Apr. 1970. vi+116 p. il. 9 maps in pocket, 4° (Water Resources Division.) [Open-file report. Prepared in cooperation with Idaho Department of Reclamation.] ‡ I 19.2: R 12/966
  - 14540 Summary of ground water hydrologic data in Michigan in 1968 [with list of selected references]; by P. R. Giroux and G. C. Huffman. [1969.] viii+105 p. il. 4° (Water Resources Division.) [Prepared in cooperation with State of Michigan Department of Natural Resources.] † District Chief, Water Resources Division, U.S. Geological Survey, 700 Capitol Savings and Loan Building, Lansing, MI 48933 I 19.2: M 58/2/968
  - 14541 Summary of ground water occurrence in California; by Fred Kunkel. Menlo Park, Calif., Mar. 17, 1970. iii+7 p. 4° (Water Resources Division.) [Open-file report.] ‡ I 19.2: C 12/4
  - 14542 Techniques of water-resources investigation: Book 4, Hydrologic analysis and interpretation. Chap. D 1. Computation of rate and volume of stream depletion by wells [with list of references]; by C. T. Jenkins. [1970.] v+17 p. il. 4° [Issued with perforations.] \* Paper, 30c. ● Item 624-A I 19.15/5: bk 4/chap. D 1

# GOVERNMENT PUBLICATIONS

- 14543 Volcanoes and vulcanism, exhibit posters on volcanic phenomena of special interest to Geologic Division. 1970. ii+26 p. il. 4° [Open-file report.] ‡  
I 19.2: V 88/3
  - 14544 Water resources data for Michigan, 1968: pt. 1, Surface water records. 1969. cover title, x+251 p. il. 4° (Water Resources Division.) [Prepared in cooperation with State of Michigan and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, 700 Capitol Savings and Loan Building, Lansing, MI 48933  
L.C. card 68-61252 I 19.53/2: M 58/968/pt.1
  - 14545 Water resources data for Minnesota, 1968: pt. 1, Surface water records, pt. 2, Water quality records. [1970.] cover title, viii+267 p. 2 maps. 4° ([Water Resources Division.]) [Prepared in cooperation with Minnesota Department of Conservation, Division of Waters, Soils and Minerals, Minnesota Department of Highways, and with other State, municipal, and Federal agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, 1033 Post Office Building, St. Paul, MN 55101  
L.C. card 71-600188 I 19.53/2: M 66/968/pt.1,2
  - 14546 Water resources data for North Dakota, 1968: pt. 2, Water quality records [with list of references]. [1970.] iv+69 p. il. 4° (Water Resources Division.) [Prepared in cooperation with State of North Dakota and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, Room 348, Federal Building, P.O. Box 778, Bismarck, ND 58501  
L.C. card 68-60777 I 19.53/2: N 81 d/968/pt.2
  - 14547 Water resources data for South Dakota, 1968: pt. 2, Water quality records [with list of selected references]. [1970.] iii+66 p. il. 4° (Water Resources Division.) [Prepared in cooperation with South Dakota Water Resources Commission, East Dakota Conservancy Sub-District.] † District Chief, Water Resources Division, U.S. Geological Survey, Room 231, Federal Building, P.O. Box 1412, Huron, SD 57350  
L.C. card 68-60779 I 19.53/2: So 8 d/968/pt.2
  - 14548 Water resources data for South Dakota, 1969: pt. 1, Surface water records. [1970.] vii+147 p. 4° [Prepared in cooperation with State of South Dakota and with other agencies. Text on p. 2 of cover.] † District Chief, Water Resources Division, U.S. Geological Survey, P.O. Box 1412, Room 231, Federal Building, Huron, SD 57350  
L.C. card 68-60779 I 19.53/2: So 8 d/969/pt.1
- Water-supply papers. • Item 625 I 19.13: (nos.)
- 14549 1473. Study and interpretation of chemical characteristics of natural water [with selected references]; by John D. Hem. 2d edition. 1970. xiv+363 p. il. 2 pl. in pocket. [Review of chemical, geologic, and hydrologic principles and processes that control composition of natural water, with methods for studying and interpreting chemical analyses.] \* Paper, \$2.25.  
L.C. card 73-606921
  - 14550 1899-B. Water resources of Lee County, Miss. [with list of selected references]; by B. E. Wasson and F. H. Thomson. 1970. vi+63 p. il. [Prepared in cooperation with Tombigbee River Valley Water Management District. Contributions to hydrology of United States.] \* Paper, 35c.  
L.C. card 70-607328
  - 14551 1924. Surface water supply of United States, 1961-65: pt. 9, Colorado River Basin, v. 1, Colorado River Basin above Green River. 1970. viii+488 p. il. map in pocket. [Prepared in cooperation with States of Colorado and Utah and with other agencies.] \* Paper, \$2.75.  
L.C. card 76-608285
  - 14552 1926. Surface water supply of United States 1961-65: pt. 9, Colorado River Basin, v. 3, Lower Colorado River Basin. 1970. 1 pl. in pocket. [Prepared in cooperation with Arizona, California, Nevada, New Mexico, and Utah, and with other agencies.] \* Paper, \$2.50.  
L.C. card 76-608285
  - 14553 1963. Quality of surface waters of United States, 1965: pts. 5 and 6, Hudson Bay and upper Mississippi River basins and Missouri River basin [with list of literature cited]. 1970. xi+548 p. il. [Prepared in cooperation with States of Colorado, Illinois, Iowa, Kansas, Minnesota, Missouri, Montana, Nebraska, South Dakota, Wisconsin, Wyoming, and other agencies.] \* Paper, \$2.50.  
L.C. card 68 43-68

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 14554 1964. Quality of surface waters of United States, 1965: pts. 7-8, Lower Mississippi River basin and western Gulf of Mexico basin [with list of literature cited]. 1970. xiii+819 p. il. [Prepared in cooperation with States of Arkansas, Colorado, Kansas, Louisiana, Mississippi, Missouri, New Mexico, Oklahoma, Tennessee, Texas and with other agencies.] \* Paper, \$3.50.  
L.C. card GS 43-68
- 14555 1965. Quality of surface waters of United States, 1965: pts. 9-11, Colorado River basin to Pacific slope basins in California; [prepared by personnel of Water Resources Division]. 1970. xiv+678 p. il. [Prepared in cooperation with States of Arizona, California, Colorado, New Mexico, Oregon, Utah, and Wyoming, U.S. Bureau of Reclamation, and with other agencies.] \* Paper, \$3.00.  
L.C. card GS43-68
- 14556 1972. Lake Tahoe basin, Calif.-Nev. [with list of selected references]; by J. R. Crippen and B. R. Pavelka. [1970.] v+56 p. il. [Prepared in cooperation with California Department of Water Resources.] \* Paper, 40c.  
L.C. card 74-606660

## GOVERNMENT PRINTING OFFICE Washington, DC 20401

- 14557 Opportunities for college graduates in general administration, printing management, personnel administration, procurement-supply, electronic data processing, accounting, library science. [1970] [6] p. narrow 8°  
† ● Item 548 GP 1.2: C 68/970

## HEALTH, EDUCATION, AND WELFARE DEPARTMENT Washington, DC 20201

- 14558 Benefits for handicapped dependents of members of uniformed services. Nov. 1969. [7] p. [Joint publication of Defense Department and Department of Health, Education, and Welfare.] ‡ HE 1.2: H 19/3/969
- 14559 Catalog of HEW State administered formula grant programs, July 1970. [1970.] cover title, vi+183 p. 4° (Center for Community Planning.)  
† ● Item 445-A  
L.C. card 74-608961 HE 1.6/3: St 2/2
- 14560 Department of Health, Education, and Welfare, telephone directory, fall 1970. [1970.] cover title, xiv+182 p. il. 4° [Text and other illustrations on p. 2-4 of cover. Last 3 pages left blank for notes.] \* Paper, \$1.50.  
HE 1.28: 970
- 14561 DHEW obligations to institutions of higher education, fiscal year 1969, pt. 2, v. 2; [prepared by Ruth G. Black and Wayne F. Tolliver]. [1970.] vi+329 p. 4° (Office of Assistant Secretary for Health and Scientific Affairs.) † ● Item 445  
L.C. card 68-61016 HE 1.2: Ed 8/3/969/pt.2/v.2
- 14562 Directory of public elementary and secondary schools in selected districts, enrollment and staff by racial/ethnic group, fall 1968. [1970.] xv+1703 p. 4° (OCR-101-70; Office for Civil Rights, Data Analysis Branch.) \* Paper, \$11.00. ● Item 444-B-1  
L.C. card 71-608762 HE 1.38: 968
- 14563 Directory of State and local resources for mentally retarded; [compiled by Robert D. Edwards]. June 1970. i+124 p. 4° (Secretary's Committee on Mental Retardation.) [Issued with perforations.] † ● Item 445  
L.C. card 74-605904 HE 1.2: M 52/16/970
- 14564 Equal opportunity program for State and local government employment; [prepared by David J. Wynne]. July 1970. vi+20+[2] p. il. oblong 8° (Office of State Merit Systems.) † ● Item 445  
HH 1.2: Eq 2
- 14565 Establishing cost allocation plans and indirect cost proposals for grants and contracts with Federal Government, guide for local government agencies. [1970.] v+46 p. 4° (IOASC-8.) [Issued with perforations. Text on p. 2-3 of cover.] \* Paper, 60c. ● Item 445  
L.C. card 71-609108 HE 1.6/ L 78

☛For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

Page 79

## GOVERNMENT PUBLICATIONS

- 14566 Towards workable Federalism, [address by Elliot L. Richardson, Secretary of Health, Education and Welfare before National Association of Counties annual meeting, Atlanta, Ga., July 27, 1970]. [2]+12 p. narrow 8° † ● Item 445-I HE 1.7: R 39

### HEALTH FACILITIES PLANNING AND CONSTRUCTION SERVICE, Health, Education, and Welfare Dept., Silver Spring, MD 20910

- Health facilities series (under Hill-Burton program) : [Category] F.  
14567 F-3. Sec. Hill-Burton program, progress report, July 1, 1947-June 30, 1969.  
14568 Hill-Burton program, progress report, July 1, 1947-June 30, 1969. [Revised 1969.] [1970.] vi+68 p. il. 4° ([Public Health Service publication 930-F-3; Health facilities series (under Hill Burton program)]; Office of Program Planning and Analysis.) [Includes list of related publications.] \* Paper, 70c. ● Item 486-C HE 20.2509/2: 947-69  
L.C. card 77-608671

### HEALTH PROFESSIONS EDUCATION AND MANPOWER TRAINING BUREAU, Health, Education, and Welfare Dept., Bethesda, MD 20014

- 14569 Feet first, booklet about foot care, for older persons and people who have diabetes; [prepared by Nursing Research Field Center], Division of Nursing. [June 1970.] [3]+45 p. il. [Illustrations are colored.] \* Paper, 60c. ● Item 507-D-1 HE 20.3102: F 32  
14570 Nursing personnel in hospitals, 1968. [May 1970.] cover title, vi+382 p. oblong 8° ([Division of Nursing.]) † ● Item 587-D-1 HE 20.3102: N 93/9/968  
L.C. card 70-608759

### HOUSING AND URBAN DEVELOPMENT DEPARTMENT Washington, DC 20410

- 14571 Buyer's guide to urban renewal. [June 1970.] [2] p. il. 4°, folded into oblong 32° size. ([HUD-82-R.]) † ● Item 582-E HH 1.6/3: B 98  
14572 Catalog of Federally financed housing and building research and technology; prepared by Science Information Exchange, Smithsonian Institution. June 1970. [4]+135 p. 4° \* Paper, \$1.25. ● Item 582 HH 1.2: H 81/40  
L.C. card 74-608910  
14573 Fair housing U.S.A. [July 1970.] [10] p. il. narrow 8° ([HUD-63-EO.]) HH 1.2: H 81/37  
† ● Item 582  
14574 Historic preservation program. [July 1970.] 10 p. narrow 8° ([HUD-139-MD.]) † ● Item 572 HH 1.2: H 62/970  
14575 HUD guide to college housing program. [July 1970.] [12] p. il. narrow 8° ([HUD-134-F.]) † ● Item 582-E HH 1.6/3: C 68  
HUD handbooks. HH 1.6/6: (letters-nos.)  
14576 RHM 7202.1, 7228.1. Urban renewal handbook transmittal. [July 16, 1970.] [6] p. 4° (Renewal and Housing Management.) [Issued with perforations. Includes transmittal notice 67.] \* Paper, \$14.00. (including basic manual and supplementary material for indefinite period); \$4.00 additional for foreign mailing. ● Item 582-E  
14577 RHM 7212.1. Urban renewal handbook, supp. 2. [July 14, 1970.] [1] +7+[1] p. 4° (Renewal and Housing Management.) [Issued with perforations. Includes transmittal notice 8.] \* Paper, \$14.00. (including basic manual and supplementary material for indefinite period); \$4.00 additional for foreign mailing. ● Item 582-E  
14578 RHM 7475.1. [Low-rent housing, financial management handbook] transmittal. [July 6, 1970.] [1]+2 p. 4° (Renewal and Housing Management.) [Issued with perforations. Includes transmittal notice 4.] †

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 14579 Mobile home parks financing. [July 1970.] [6] p. il. narrow 8° ([HUD-25-F.]) † ● Item 582 HH 1.2: M 71
- 14580 Model cities continued planning and evaluation: v. 1, sample work program for planning & evaluation in action year 1. 1970. vi+129 p. oblong 8° [Title on cover is: How to design a work program for continuing planning and evaluation in local model cities program. Text on p. 2 of cover.] † ● Item 582-E HH 1.6/3: M 72/v.1
- 14581 Neighborhood facilities program. [July 1970.] [8] p. narrow 8° † ● Item 582 HH 1.2: N 31/3/970
- 14582 Rehabilitating residential property in urban renewal and code enforcement areas. [June 1970.] [8] p. il. narrow 8° ([HUD-41-R(2).]) [This list subject to change as of Sept., 1970.] † ● Item 582 HH 1.2: R 26
- 14583 Urban beautification & improvement program. [July 1970.] [9] p. narrow 8° ([HUD-136-MD.]) † ● Item 582 HH 1.2: Ur 1/7/970

## IMMIGRATION AND NATURALIZATION SERVICE, Justice Dept. Washington, DC 20536

- 14584 Citizenship Day and Constitution Week bulletin, Sept. 17, 1970. [1970.] [4] +27 p. † ● Item 723-B J 21.14: 970
- 14585 Supplemental index 3 to v. 12 of Administrative decisions under immigration and nationality laws of United States, interim decisions 1901-2011 covering period Aug. 11, 1967-Oct. 30, 1969. [Jan. 1, 1970.] [1]+9 p. \* Paper, 10c. J 21.11/3: 12/ind.3
- 14586 Supplemental index 4 to v. 12 of Administrative decisions under immigration and nationality laws of United States, interim decisions 1901-2019 covering period Aug. 11, 1967-Jan. 16, 1970. [Mar. 1, 1970.] [1]+9 p. \* Paper, 10c. J 21.11/3: 12/ind.4
- 14587 Supplemental index 5 to v. 12 of Administrative decisions under immigration and nationality laws of United States, interim decisions 1901-2042 covering period Aug. 11, 1967-Apr. 17, 1970. [July 1, 1970.] [1]+10 p. \* Paper, 10c. J 21.11/3: 12/ind.5

## INDIAN HEALTH SERVICE, Health, Education, and Welfare Dept. Silver Spring, MD 20910

- 14588 Family planning for better health and happiness. [1970.] [16] p. il. 4° ([Desert Willow Training Center.]) [Some illustrations are colored.] † HE 20.2652: F 21

## INFORMATION FOR ARMED FORCES, OFFICE OF, Defense Dept. Washington, DC 20301

DOD pamphlet.

- 14589 PG-7A. See, below, Pocket guide to Japan.
- 14590 Pocket guide to Japan [with selected bibliography]. [Mar. 20, 1970.] iv +116 p. il. small 4° ([DoD PG-7A; [Army Dept.], DA Pam 360-418; [Navy Dept.], NAVPERS 92785A; [Air Force Dept.], 216-3; [Marine Corps] NAVMC 2566 (Rev.-70).] [Some illustrations are colored. Supersedes DoD PG-7/DA Pam 20-177/NAVPERS 92785/AFP 34-3-6/NAV MC 2566, Dec. 2, 1960.] \* Paper, \$1.00. ● Item 314 & 312-A D 2.8: J 27/970

## INTERDEPARTMENTAL COMMITTEE ON STATUS OF WOMEN

- 14591 Proposed equal rights amendment to United States Constitution, memorandum. Mar. 1970. [2]+1+18 p. 4° [Presented to Citizens' Advisory Council on Status of Women by its study group on equal legal rights.] † Citizens' Advisory Council on Status of Women, Labor Department, Washington, DC 20210 Y 3.In 8/21: Eq 2

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## INTERIOR DEPARTMENT Washington, DC 20240

NOTE.—Requests to the Interior Department for publications should give the full title and the date of the publication. Do not include Monthly Catalog entry numbers or Superintendent of Documents classification numbers, which should be used only when ordering from the Superintendent of Documents.

### Personnel management publication (series).

- 14592 3. Careers in United States Department of Interior, directory for college students. Revised edition 1970. [1970.] vi+71 p. il. [Text on p. 2 of cover.] \* Paper, 50c. ● Item 603-D I 1.73/2:3/2  
L.C. card 70-608936

### [Saline water] research and development progress report. (Office of Saline Water.) ● Item 604-A-1 I 1.88:(nos.)

- 14593 541. Vacuum-freezing vapor-compression process, evaluation on brackish water; by M. M. Jhavar and J. H. Fraser, Colt Industries, Fairbanks Morse Inc., Water Processes Section, Beloit, Wis. Mar. 1970. v+46 p. il. 4° (Contract 14-01-0001-967.) \* Paper, 65c.
- 14594 550. Conceptual designs of outfall systems for desalting plants [with bibliography]; by M. A. Zeltoun, W. F. McIlhenny, Dow Chemical Company, Midland, Mich., R. O. Reld, Texas A&M University College Station Texas. May 1970. x+139 p. il. 4° (Contract 14-01-0001-2169.) \* Paper, \$1.25.
- 14595 556. Research and development of new and improved cellulose ester membranes [with list of references]; by D. L. Hoernschemeyer [and others], Aerojet-General Corporation, El Monte, Calif. Aug. 1970. v+63 p. il. 4° \* Paper, 65c.
- 14596 560. Saline ground-water resources of Rio Grande drainage basin, pilot study [with bibliographies]; by T. E. Kelly, B. N. Myers, and L. A. Hershey, Geological Survey, Department of Interior, Albuquerque, N. Mex. May 1970. ix+71 p. il. 4° (Agreement 14-01-0001-2102.) \* Paper, \$2.00.  
L.C. card 70-608936
- 14597 563. Disposal of brine by solar evaporation field experiments [with list of references]; by C. G. Keyes, Jr. [and others], New Mexico State University, Las Cruces, N. Mex. May 1970. vii+166 p. il. 4° (Contract 14-01-0001-969.) \* Paper, \$1.50.
- 14598 564. Disposal of brine by solar evaporation, design criteria [with list of references]; by C. G. Keyes, Jr. [and others], New Mexico State University, Las Cruces, N. Mex. May 1970. x+123 p. il. 4° (Contract 14-01-0001-969.) \* Paper, \$1.25.
- 14599 565. Poisoning of ion exchange materials by surface active ions [with list of references]; by Hamish Small and Robert C. Gardner, Dow Chemical Company, Midland, Mich. Aug. 1970. iv+71 p. il. 4° (Contract 14-01-0001-2158.) \* Paper, 70c.
- 14600 567. Annual report (FY 1968) Webster Test Facility and Electrodialysis Tested Plant, Webster, S. Dak. [with bibliography]; by Mason-Rust, Louisville, Ky. June 1970. viii+128 p. il. 4° (Contract 14-01-0001-1733.) \* Paper, \$1.50.
- 14601 569. Study of ionic solvation [with list of references]; by John O'M. Bockris, P.P.S. Saluja, G. Madan, University of Pennsylvania, Philadelphia, Pa. June 1970. v+155 p. il. 4° (Grant 14-01-0001-1467.) \* Paper, \$1.25.

## INTERIOR DEPARTMENT LIBRARY, Interior Dept. Washington, DC 20240

### Bibliography (series).

- I 22.9/2:(nos.)
- 14602 14. Fire in far northern regions, bibliography; compiled by Signe M. Larson, Dec. 1969, cover title, [11]+36 p. 4° [Includes list of sources consulted.] \* Paper, \$3.00.  
L.C. card 70-608865
- 14603 15. Sprinkler irrigation, bibliography selected from foreign literature, 1964-69; compiled by Ludmilla Floss, Feb. 1970, cover title, [5]+54 p. 4° (Office of Library Services.) [Includes list of sources consulted.] \* Paper, \$3.00  
L.C. card 74-608866
- 14604 Mercury contamination in natural environment, cooperative bibliography; compiled by libraries of United States. July 1970, cover title, [3]+vi+32 p. 4° (Office of Library Services.) †  
L.C. card 75-608877 I 22.9: M 53

## INTERNAL REVENUE SERVICE, Treasury Dept. Washington, DC 20224

- 14605 Alcohol, Tobacco and Firearms Division public use forms. May 1970, cover title, [2]+16 p. il. 4° (Publication 480 (Rev. 5-70).) \* Paper, 30c.  
● Item 956 T 22.2: A1 1/4/970

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 14606 Estate tax attorney. [1970.] cover title, 16 p. il. ([Publication 601 (Rev. 8-70).]) † ● Item 956 T 22.2: Es 8/4/970
- 14607 [Index-digest supplement system: Service 2], Estate and gift taxes, supp. 3, Jan. 1969-June 1970. [1970.] 18 p. 4° (Publication 642.) \* Paper, \$1.50 (including basic volume and supplementary material for an indefinite period); 50c. additional for foreign mailing. ● Item 960 T 22.25/6: 965-68/supp.3
- 14608 — Service 4, Excise taxes, supp. 3, Jan. 1969-June 1970. [1970.] 31 p. 4° (Publication 644.) \* Paper, \$1.50 (including basic volume and supplementary material for an indefinite period); 50c. additional for foreign mailing. ● Item 960 T 22.25/8: 965-68/supp.3
- 14609 Internal auditor, Internal Revenue Service. [1970.] cover title, 17 p. il. ([Publication 652 (Rev. 8-70).]) [P. 17 is on p. 3 of cover. † ● Item 956 T 22.2: Au 2/3/970
- 14610 Internal revenue cumulative bulletin 1969-2, July-Dec. [1970.] cover title, xxvi+334 p. 4° [Semiannual. Includes revenue rulings 69-367 to 69661, also revenue procedures 69-15 to 69-30.] \* Paper, \$4.74. ● Item 960 L.C. card 20-26376 T 22.25: 969-2
- 14611 Liquor laws and regulations for retail dealers. [1970.] [4]+11 p. narrow 8° (Publication 36 (rev. 5-70).) † ● Item 961 T 22.19: L 66/970
- 14612 Looseleaf regulations system: Service 3, Employment tax, transmittal 27, July 10, 1970. [1970.] [22] p. 4° ● Item 961 T 22.19/3: 3/trans.27
- 14613 — Service 3, Employment tax, transmittal 28, Aug. 7, 1970. [1970.] [18] p. 4° ● Item 961 T 22.19/3: 3/trans.28  
NOTE.—Service 3 consists of pts. 31 and 36 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$2.75 (including basic material and supplements issued irregularly for approximately 3 years); 75c. additional for foreign mailing.
- 14614 — Service 4, Excise taxes, transmittal 66, Aug. 7, 1970. [9] p. 4° ● Item 961 T 22.19/3: 4/969/trans.66  
NOTE.—Service 4 consists of pts. 40-42, 44-50, and 146-150 152, of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$5.00 (including basic material and supplements issued irregularly for approximately 3 years); \$3.00 additional for foreign mailing.
- 14615 Revenue agent. [1970.] cover title, 16 p. il. ([Publication 621 (rev. Aug. 1970).]) † ● Item 956 T 22.2: R 32/2/970
- 14616 Teaching Federal income taxes. [1970.] [2] p. 8°, folded into oblong 48° size. ([Publication 488 (Rev. June 1970).]) † ● Item 956 T 22.2: 22

## INTERNATIONAL COMMERCE BUREAU, Commerce Dept. Washington, DC 20230

Foreign economic trends and their implications for United States ET (series). \* Paper, \$15.00 a yr., \$6.00 additional for foreign mailing. ● Item 231-I C 42.30: (nos.)

- 14617 70-57. Austria. May 10, 1970. 11 p. 4° (American Embassy, Vienna.) [Semi-annual.]
- 14618 70-58. France. May 15, 1970. 12 p. 4° [Semiannual.]
- 14619 70-63. Malaysia. May 12, 1970. 11 p. 4° (American Embassy, Kuala Lumpur.) [Semiannual.]
- 14620 70-64. Ivory Coast. May 27, 1970. 8 p. 4° [Semiannual.]
- 14621 70-65. Zambia. May 28, 1970. 10 p. 4° (American Embassy, Lusaka.) [Annual.]
- 14622 70-66. Hong Kong. May 28, 1970. 18 p. il. 4° [Semiannual.]
- 14623 70-67. Afghanistan. June 1, 1970. 15 p. il. 4° (American Embassy, Kabul.) [Annual.]
- 14624 70-68. Malawi. June 15, 1970. 8 p. 4° (American Embassy, Blantyre.) [Annual.]
- 14625 70-69. Luxembourg. May 30, 1970. 10 p. il. 4° (American Embassy Luxembourg.) [Annual.]
- 14626 70-70. Trinidad and Tobago. June 5, 1970. 10 p. il. 4° (American Embassy, Port-Of-Spain.) [Annual.]
- 14627 70-71. Denmark. June 15, 1970. 12 p. il. 4° (American Embassy, Copenhagen.) [Semiannual.]
- 14628 70-72. Malagasy Republic. June 20, 1970. 12 p. il. 4° (American Embassy, Tananarive.) [Annual.]

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

Page 83

## GOVERNMENT PUBLICATIONS

### Foreign economic trends and their implications for United States ET (series)—Continued

- 14629 70-73. Argentina. June 14, 1970. 12 p. il. 4° [Semiannual.]  
 14630 70-74. Ireland. June 19, 1970. 12 p. il. 4° (American Embassy, Dublin.) [Semi-annual.]  
 14631 70-75. Norway. June 1970. 10 + [1] p. il. 4° [Semiannual.]  
 14632 70-76. Republic of Mali. June 19, 1970. 8 p. 4° (American Embassy, Bamako.) [Annual.]  
 14633 70-77. Chile. July 1, 1970. 14 + [1] p. il. 4° (American Embassy, Santiago.) [Annual.]  
 14634 70-78. Jamaica. June 29, 1970. 8 p. 4° (American Embassy, Kingston.) [Annual.]  
 14635 70-81. Togo. June 30, 1970. 10 p. il. 4° (American Embassy, Lome.) [Annual.]  
 14636 70-82. Kenya. July 22, 1970. 12 p. 4° (American Embassy, Nairobi.) [Annual.]  
 14637 70-83. Guyana. July 24, 1970. 10 p. 4° (American Embassy, Georgetown.)  
 14638 70-84. Sweden. July 31, 1970. 12 p. il. 4° (American Embassy, Stockholm.) [Semiannual.]  
 14639 70-85. Cyprus. July 15, 1970. 14 + [1] p. il. 4° (American Embassy, Nicosia.) [Annual.]  
 14640 70-86. Sierra Leone. July 30, 1970. 8 p. il. 4° (American Embassy, Freetown.) [Annual.]  
 14641 70-87. South Africa. Aug. 7, 1970. 12 p. il. 4° (American Embassy, Pretoria.) [Semiannual.]  
 14642 70-88. Dominican Republic. Aug. 1, 1970. 12 p. il. 4° [Semiannual.]  
 14643 70-89. Chad. Aug. 13, 1970. 10 p. il. 4° (American Embassy, Fort Lamy.) [Annual.]  
 14644 Sources of export financing. [1970.] 14 p. il. 4° [Reprinted from International commerce, May 18, 1970.] † C 42.8/a: Ex 75/8/970

### INTERNATIONAL DEVELOPMENT AGENCY, State Dept. Washington, DC 20523

- 14645 Agency for International Development procurement regulations [1st edition], amdt. 11: Aug. 1970. [1970.] [62] p. il. 4° (Office of Procurement.) [Issued in looseleaf form.] \* Paper, \$6.00 (including basic regulations and supplementary material for an indefinite period); \$1.50 additional for foreign mailing. ● Item 900-C-5 S 18.6/2: 965/amdt.11  
 14646 Operations report, fy 1970, data as of Dec. 31, 1969. [June 1970.] v + 98 p. il. oblong 8° ([W-129]; Office of Statistics and Reports, Bureau for Program and Policy Coordination.) ‡ S 18.16: 969-2  
 L.C. card 55-63732

### INTERSTATE COMMERCE COMMISSION Washington, DC 20423

- 14647 Decisions of Interstate Commerce Commission (finance reports), Sept. 1967-Apr. 1968. 1970. xii + 920 p. (Interstate Commerce Commission reports, v. 331.) \* Cloth, \$5.50. ● Item 677 IC 1.6: 331  
 L.C. card 8-30656  
 14648 Rail carload cost scales by territories for year 1968. June 1970. cover title, [2] + iii + 187 p. 4° (Statement 1C1-68; Bureau of Accounts.) [This study issued as information, has not been adopted by Interstate Commerce Commission.] \* Paper, \$1.50. ● Item 682-C IC 1 acco.7: 968  
 L.C. card A 49-1585

### JUDGE ADVOCATE GENERAL (Navy), Defense Dept. Washington, DC 20350

- 14649 Manual of Judge Advocate General. 1970. [465] p. il. 4° (JAGISNT 5800.7A JAG 133.) [Cancels JAG instruction 5800.7 June 2, 1961.] † ● Item 380-A D 205.6/2: M 31/970

### JUSTICE DEPARTMENT Washington, DC 20530

- 14650 Law Enforcement Assistance Administration, program for safer, more just America. [1970.] cover title, [1] + 30 p. il. † ● Item 717 J 1.2: L 41/10

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 14651 Need to know, NILE&CJ, National Institute of Law Enforcement and Criminal Justice. [1970.] cover title, 16 p. narrow 8° [Text on p. 2 of cover.] † ● Item 717 J 1.2: N 28
- 14652 2d annual report of LEAA, Law Enforcement Assistance Administration, fiscal year 1970 ending June 30, 1970. [1970.] viii+257 p. il. 4° † ● Item 717-C J 1.1/2: 970  
L.C. card 77-603675

## LABOR DEPARTMENT Washington, DC 20210

- ✓ 14653 Forecasting occupational job requirements: 1, Short-cut approach to long-range forecasting; 2, Report on test results in several cities; [by Norman Medvin]. [1970.] cover title, [1]+[61]-[168] p. il. 4° (Manpower Administration.) [Pt. 1 reprinted from Employment service review, Jan.-Feb. 1967; pt. 2 reprinted from report of conference held at Ohio State University's Center for Vocational and Technical Education, June 12-13, 1969.] † L1.2: Oct/5
- ✓ 14654 How to train workers on job. [Revised edition.] [1970.] iv+27 p. il. narrow 8° (Manpower Administration.) \* Paper, 25c. ● Item 745-A L 1.7/2: W 89
- ✓ 14655 Introducing JOBS '70. [1970.] cover title, [15] p. il. oblong 24° ([Manpower Administration.]) † ● Item 745 L 1.2: J 57/6/970
- ✓ 14656 Welfare and pension plan statistics, 1967; [prepared by LeRoy Saunders]. [1970.] [1]+i+28 p. 4° ([Labor-Management Services Administration.]) [Text on p. 3 of cover.] † ● Item 745 L 1.2: W 45/5/967  
L.C. card 67-2645

## LABOR STANDARDS BUREAU, Labor Dept. Washington, DC 20210

- Bulletin.
- 14657 110. Safety in industry: Teach them to lift. Revised 1970. [1970.] iv+31 p. il. ([Mechanical and physical hazards series.]) \* Paper, 25c. ● Item 763 L.C. card 74-608953 L 16.3: 110/3
- Occupational safety aid, Department of Labor safety training programs OSA-LS- (series).
- 14658 169. How to investigate accidents. [May 1970.] 8 p. il. 4° \* Paper, 10c. ● Item 765-G L 16.49: 169/3

## LABOR STATISTICS BUREAU, Labor Dept. Washington, DC 20210

- 14659 BLS establishment employment estimates, revised to Mar. 1969 benchmark levels. [1970.] p. 11-21 4° [Reprinted from June 1970 Employment and earnings.] † L 2.41/2a: Em 73/6
- ✓ 14660 BLS information system, systems manual; [prepared by Peter B. Stevens with assistance of Rita L. Erickson]. Sept. 1967. cover title, iv+59 p. 4° † L 2.46/3: In 3/3
- BLS reports. ● Item 768-G L 2.71: (nos.)
- ✓ 14661 371. Labor law and practice in Iceland [with selected bibliography; by Franz A. Groemping]. 1970. vi+38 p. il. 4° \* Paper, 50c. L.C. card 77-608848
- ✓ 14662 376. Labor law and practice in Japan [with selected bibliography; prepared by Kurt Braun]. 1970. vi+64 p. il. 4° \* Paper, 65c. L.C. card 78-608824
- ✓ 14663 379. Injury rates by industry, 1968. 1970. 30 p. il. 4° † L.C. card L 64-70
- BLS staff paper.
- ✓ 14664 4. Micro model of labor supply [with bibliography]; by Malcolm S. Cohen, Samuel A. Rea, jr., and Robert I. Lerman. 1970. [5]+245 p. il. \* Paper, \$1.00. ● Item 768-J L 2.71/5: 4

4For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## Bulletins.

L 2.3: (nos.)

- 14665 1625-01. Area wage surveys: Metropolitan areas, United States and regional summaries, 1968-69, occupational earnings, interarea pay comparisons, wage trends. 1970. iv+87 p. il. oblong 8° \*Paper, \$1.00.  
● Item 768  
L.C. card 74-608858
- 14666 1642. Seasonality and manpower in construction; [by Joe L. Russell with assistance from Daniel Quinn Mills and Michael J. Pilot.] [1970.] ix+148 p. il. 4° \*Paper, \$1.25. ● Item 768  
L.C. card 70-608830
- 14667 1643. Occupational employment statistics, 1960-67; [by Douglas F. Schmude]. 1970. v+42 p. 4° \*Paper, 50c. ● Item 768  
L.C. card 72-608907
- 14668 1650-16. Employment outlook: Medical laboratory workers. [1970.] [8] p. il. 4° [Reprint from 1970-71 Occupational outlook handbook.] \*Paper, 10c.
- 14669 1650-17. Employment outlook: Radiologic technologists. [1970.] [7] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \*Paper, 10c.
- 14670 1650-18. Employment outlook: Medical record librarians. [1970.] [7] p. il. 4° [Reprint from 1970-71 Occupational outlook handbook.] \*Paper, 10c.
- 14671 1650-20. Employment outlook: Hospital administrators. [1970.] [7] p. il. 4° [Reprint from 1970-71 Occupational outlook handbook.] \*Paper, 10c.
- 14672 1650-21. Employment outlook: Sanitararians. [1970.] [7] p. il. 4° [Reprint from 1970-71 Occupational outlook handbook.] \*Paper, 10c.
- 14673 1650-24. Employment outlook: Environmental scientists, geologists, geophysicists, meteorologists, oceanographers. [1970.] [15] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \*Paper, 15c.
- 14674 1650-25. Employment outlook: Life science occupations, life scientists, biochemists. [1970.] [12] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \*Paper, 15c.
- 14675 1650-27. Employment outlook: Technicians, engineering and science technicians, draftsmen. [1970.] [12] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \*Paper, 15c.
- 14676 1650-30. Employment outlook: Commercial artists, industrial designers, interior designers and decorators. [1970.] [12] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \*Paper, 15c.
- 14677 1650-32. Employment outlook: Counseling and placement occupations, school counselors, rehabilitation counselors, employment counselors, college placement officers. [1970.] [15] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \*Paper, 15c.
- 14678 1650-37. Employment outlook: Mathematicians and related occupations, mathematicians, statisticians, actuaries. [1970.] [12] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \*Paper, 15c.
- 14679 1650-38. Employment outlook: Models. [1970.] [7] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \*Paper, 10c.
- 14680 1650-40. Employment outlook: Photographers, photographic laboratory occupations. [1970.] [11] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \*Paper, 15c.
- 14681 1650-41. Employment outlook: Programmers, systems analysts, electronic computer operating personnel. [1970.] [12] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \*Paper, 15c.
- 14682 1650-43. Employment outlook: Recreation workers. [1970.] [7] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \*Paper, 10c.
- 14683 1650-47. Employment outlook: Teachers, kindergarten and elementary school teachers, secondary school teachers, college and university teachers. [1970.] [12] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \*Paper, 15c.
- 14684 1650-48. Employment outlook: Urban planners. [1970.] [7] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \*Paper, 10c.
- 14685 1650-49. Employment outlook: Writing occupations, newspaper reporters, technical writers. [1970.] [11] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \*Paper, 15c.
- 14686 1650-50. Employment outlook: Bookkeeping workers, office machine operators. [1970.] [8] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \*Paper, 10c.
- 14687 1650-53. Employment outlook: Shipping and receiving clerks. [1970.] [7] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \*Paper, 10c.
- 14688 1650-56. Employment outlook: Automobile salesmen. [1970.] [7] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \*Paper, 10c.
- 14689 1650-57. Employment outlook: Insurance agents and brokers. [1970.] [7] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \*Paper, 10c.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 14690 1650-58. Employment outlook: Retail trade salesworkers, wholesale trade salesworkers manufacturers' salesmen. [1970.] [12] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 15c.
- 14691 1650-59. Employment outlook: Real estate salesmen and brokers. [1970.] [7] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 10c.
- 14692 1650-60. Employment outlook: Securities salesmen. [1970.] [7] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 10c.
- 14693 1650-62. Employment outlook: Building custodians. [1970.] [7] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 10c.
- 14694 1650-66. Employment outlook: Police officers, State police officers. [1970.] [11] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 15c.
- 14695 1650-68. Employment outlook: Asbestos and insulating workers. [1970.] [12] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 15c.
- 14696 1650-69. Employment outlook: Bricklayers, stonemasons, marble setters, tile setters, terrazzo workers. [1970.] [19] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 20c.
- 14697 1650-71. Employment outlook: Cement masons, lathers, plasterers. [1970.] [19] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 20c.
- 14698 1650-72. Employment outlook: Construction laborers and hod carriers. [1970.] [12] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 20c.
- 14699 1650-73. Employment outlook: Electricians (construction). [1970.] [12] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 15c.
- 14700 1650-74. Employment outlook: Elevator constructors, structural and other iron workers. [1970.] [15] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 15c.
- 14701 1650-75. Employment outlook: Floor covering installers. [1970.] [12] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 15c.
- 14702 1650-76. Employment outlook: Operating engineers (construction). [1970.] [15] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 15c.
- 14703 1650-78. Employment outlook: Roofers, sheet-metal workers. [1970.] [15] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 15c.
- 14704 1650-79. Employment outlook: Automobile service occupations, automobile, truck, and bus mechanics, body repairmen, painters, parts counter-men, trimmers and installation men (upholsterers), service advisors, service station attendants. [1970.] [24] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 20c.
- 14705 1650-84. Employment outlook: Diesel mechanics, farm equipment mechanics. [1970.] [8] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 10c.
- 14706 1650-86. Employment outlook: Maintenance electricians, industrial machinery repairmen, millwrights. [1970.] [11] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 15c.
- 14707 1650-89. Employment outlook: Television and radio service technicians. [1970.] [8] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 10c.
- 14708 1650-93. Employment outlook: Dispensing opticians, optical mechanics [1970.] [8] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 10c.
- 14709 1650-94. Employment outlook: Driving occupations, over-the-road and local truckdrivers, routemen, intercity and local busdrivers, taxi drivers. [1970.] [20] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 20c.
- 14710 1650-98. Employment outlook: Machining occupations, all-round machinists, machine tool operators, tool and die makers, instrument makers (mechanical), setup men (machine tools), layout men. [1970.] [18] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 15c.
- 14711 1650-99. Employment outlook: Meat cutters. [1970.] [7] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 10c.
- 14712 1650-101. Employment outlook: Printing occupations, composing room occupations, photoengravers, electrotypers and stereotypers, printing pressmen and assistants, lithographic occupations, bookbinders and related workers. [1970.] [20] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 20c.
- 14713 1650-102. Employment outlook: Shoe repairmen. [1970.] [7] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 10c.
- 14714 1650-105. Employment outlook: Welders, oxygen and arc cutters. [1970.] [8] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 10c.
- 14715 1650-106. Employment outlook: Agriculture. [1970.] [20] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 20c.

\*For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
\*Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## Bulletins—Continued

- 14716 1650-107. Employment outlook: Petroleum and natural gas production and processing, petroleum refining. [1970.] [15] p. il. 4°. [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 15c.
- 14717 1650-108. Employment outlook: Aircraft, missile, and spacecraft manufacturing. [1970.] [15] p. il. 4°. [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 15c.
- 14718 1650-112. Employment outlook: Electronics manufacturing. [1970.] [15] p. il. 4°. [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 15c.
- 14719 1650-113. Employment outlook: Industrial chemical industry. [1970.] [11] p. il. 4°. [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 15c.
- 14720 1650-114. Employment outlook: Iron and steel industry. [1970.] [12] p. il. 4°. [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 15c.
- 14721 1650-115. Employment outlook: Motor vehicle and equipment manufacturing. [1970.] [15] p. il. 4°. [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 15c.
- 14722 1650-116. Employment outlook: Paper and allied products industries. [1970.] [12] p. il. 4°. [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 15c.
- 14723 1650-117. Employment outlook: Civil aviation, pilots and copilots, flight engineers, stewardesses, aircraft mechanics, airline dispatchers, air traffic controllers, ground radio operators and teletypists, traffic agents and clerks. [1970.] [23] p. il. 4°. [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 20c.
- 14724 1650-124. Employment outlook: Banking, bank clerks, tellers, bank officers. [1970.] [12] p. il. 4°. [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 15c.
- 14725 1650-125. Employment outlook: Insurance business. [1970.] [8] p. il. 4°. [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper 10c.
- 14726 1650-126. Employment outlook: Hotels, bellmen and bell captains, front office clerks, housekeepers and assistants, managers and assistants. [1970.] [12] p. il. 4°. [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 15c.
- 14727 1650-127. Employment outlook: Government (except post office). [1970.] [16] p. il. 4°. [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 15c.
- 14728 1650-128. Employment outlook: Post office occupations, mail carriers, postal clerks. [1970.] [12] p. il. 4°. [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 15c.
- 14729 1656. Compensation in construction industry: Employment patterns, union scales, and earnings; [prepared by Arnold Strasser, Ross E. Azevedo, and H. Charles Spring]. 1970. vii+92 p. il. 4°. \* Paper, \$1.00. ● Item 768  
L.C. card 79-608468
- 14730 1658. Outlook for computer process control, manpower implications in process industries [with bibliographies; by Arthur Herman, Robert Ball and Richard Lyon]. 1970. vii+70+2 p. il. 4°. \* Paper, 70c. ● Item 768  
L.C. card 72-608828
- 14731 1660-65. Area wage survey: Richmond, Va., metropolitan area. Mar. 1970. July 1970. iii+30 p. oblong 8°. \* Paper, 40c. ● Item 768  
L.C. card L66-67
- 14732 1660-70. Area wage survey: Phoenix, Ariz., metropolitan area. Mar. 1970. July 1970. iii+28 p. oblong 8°. \* Paper, 35c. ● Item 768  
L.C. card L66-129
- 14733 1660-76. Area wage survey: Atlanta, Ga., metropolitan area. May 1970. Aug. 1970. iv+39 p. oblong 8°. \* Paper, 50c. ● Item 768  
L.C. card L66-140
- 14734 1660-78. Area wage survey: Worcester, Mass., metropolitan area. May 1970. Aug. 1970. iii+28 p. oblong 8°. \* Paper, 35c. ● Item 768  
L.C. card 66-62947
- 14735 1660-79. Area wage survey: Greenville, S.C., metropolitan area. May 1970. Aug. 1970. iii+15 p. oblong 8°. \* Paper, 30c. ● Item 768  
L.C. card L66-153
- 14736 1660-80. Area wage survey: Savannah, Ga., metropolitan area. May 1970. Aug. 1970. iii+26 p. oblong 8°. \* Paper, 35c. ● Item 768  
L.C. card L66-146
- 14737 1664. Industry wage survey: Machinery manufacturing, Sept.-Nov. 1968; [by Joseph C. Bush]. 1970. vi+60 p. il. 4°. \* Paper, 65c. ● Item 768  
L.C. card L56-1
- 14738 1667. Union wages and hours: Local-transit operating employees, July 1, 1969 and trend 1929-1969; [prepared by Arthur I. Rose]. 1970. iv+12 p. 4°. (Office of Wages and Industrial Relations, Division of Occupational Structures.) [Text on p. 3 of cover.] \* Paper, 25c. ● Item 768  
L.C. card L42-139
- 14739 1669. Union wages and hours: Local truckdrivers and helpers, July 1, 1969, Errata. [1970.] 1 p. 4°. † ● Item 768

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 14740 1670. Union wages and hours: Printing industry, July 1, 1969: [prepared by Thomas C. Mobley]. 1970. v+65 p. 4° \* Paper, 65c. ● Item 768  
L.C. card L38-61
- 14741 1674. Scientific and technical personnel in industry, 1967: [prepared by Edith Wall Andrews and others]. 1970. vi+58 p. il. 4° \* Paper, 60c.  
● Item 768  
L.C. card L61-2
- 14742 Earnings of production workers in motor vehicle and parts manufacturing, Apr. 1969, advance tabulations. July 1970. 5 p. 4° † L 2.2: M 85

## LAKE SURVEY (Army), Defense Dept. 630 Federal Bldg, Detroit, MI 48226

- 14743 Supplement 1, May 1970, corrections and additions to 1970 Great Lakes pilot. [1970.] [2] p.+21+[1] leaves. [Bearings are true and distances are expressed in statute miles. Supplements information given upon charts published by Lake Survey.] † U.S. Army Engineer District, Lake Survey, Corps of Engineers, 630 Federal Building, Detroit, MI 48226  
L.C. card 6-7112 D 103.203: 970/supp.1
- 14744 Supplement 2, June 1970, corrections and additions to 1970 Great Lakes pilot. [1970.] [2] p.+15 leaves. [Bearings are true and distances are expressed in statute miles. Supplements information given upon charts published by Lake Survey.] † U.S. Army Engineer District, Lake Survey, Corps of Engineers, 630 Federal Building, Detroit, MI 48226  
L.C. card 6-7112 D 103.203: 970/supp.2
- 14745 Supplement 4, Aug. 1970, corrections and additions to 1970 Great Lakes pilot. [1970.] [2] p.+12 leaves. [Bearings are true and distances are expressed in statute miles. Supplements information given upon charts published by Lake Survey.] † U.S. Army Engineer District, Lake Survey, Corps of Engineers, 630 Federal Building, Detroit, MI 48226  
D 103.203: 970/supp.4

## LAND MANAGEMENT BUREAU, Interior Dept. Washington, DC 20240

- 14746 Public lands outdoor recreation map, Colorado: Eagle area. Scale 5 m.=2.7 in. 22 x 34 in. [Revised Nov. 1969.] [1969.] [Published jointly with Colorado Game, Fish and Parks Division with assistance from Colorado Highway Department and Colorado State Land Board. Text and illustrations on verso. Issued in color.] † Room 14023, Federal Office Bldg., 1961 Stout Street, Denver, CO 80202 I 53.11: C 71/2/969
- 14747 — Glade Park area. Scale 5 m.=2.7 in. 22 x 34 in. [Revised Nov. 1969.] [1969.] [Published jointly with Colorado Game, Fish and Parks Division, with assistance from Colorado Highway Department and Colorado State Land Board. Text and illustrations on verso. Issued in color.] † Room 14023, Federal Office Bldg., 1961 Stout Street, Denver, CO 80202 I 53.11: C 71/969
- 14748 — Piceance area. Scale 5 m.=2.7 in. 22 x 34 in. [Revised Nov. 1969.] [1969.] [Published jointly with Colorado Game, Fish and Parks Division, with assistance from Colorado Highway Department and Colorado State Land Board. Text and illustrations on verso. Issued in color.] † Room 14023, Federal Office Bldg., 1961 Stout Street, Denver, CO 80202 I 53.11: C 71/3/969
- 14749 — Powderhorn area. Scale 5 m.=2.7 in. 22 x 34 in. [Revised Nov. 1969.] [1969.] [Published jointly with Colorado Game, Fish and Parks Division, with assistance from Colorado Highway Department and Colorado State Land Board. Text and illustrations on verso. Issued in color.] † Room 14023, Federal Office Bldg., 1961 Stout Street, Denver, CO 80202 I 53.11: C 71/4/969
- 14750 Recreation sites in Colorado. [1970.] cover title. 11 p. il. ([Colorado State Office.]) [p. 11 on p. 3 of cover.] † I 53.2: C 71

●For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## LIBRARY OF CONGRESS Washington, DC 20540

- 14751 Accessions list: Eastern Africa. (National Program for Acquisitions and Cataloging, Library of Congress Office, Nairobi, Kenya.) [Quarterly. Annual serial supplement issued also.] † (Libraries only).  
LC 1.30/8: (v.nos.& nos.)  
v. 1, no. 1— Jan. 1968—
- 14752 — Indonesia, cumulative serial additions and changes 1969, supplement to cumulative list of serials 1964-68 (May 1969). Apr. 1970. cover title, [2]+22 p. 4° ([Public law 480 project, American Libraries Book Procurement Center, Jakarta.]) † (Libraries only).  
L.C. card SA 66-444 LC 1.30/5-2: 964-68/supp.
- 14753 Federal Library Committee annual report fiscal year 1970. July 13, 1970. cover title, [1]+17 leaves 4° †  
LC 1.32/4: 970
- 14754 Maps, a MARC format, specifications for magnetic tapes containing catalog records for maps; by Patricia E. Parker. 1970. [5]+45 p. 40 (Information Systems Office.) \* Paper, 50c. ● Item 786  
L.C. card 77-007327 LC 1.2: M 18/6
- 14755 Non-GPO imprints received in Library of Congress, July, 1967-Dec. 1969, selective checklist; compiled by Exchange and Gift Division, Processing Department. 1970. vi+73 p. 4° † Paper, \$1.25, Card Division, Library of Congress, Building no. 159, Navy Yard Annex, Washington, DC 20541.  
● Item 815  
L.C. card 70-006580 LC 30.2: Im 7/967-69
- 14756 Talking books for very young readers. [1970.] [4] p. ill. 4° ([Division for Blind and Physically Handicapped.]) † ● Item 806 LC 19.2: T 14/10

## MARITIME ADMINISTRATION, Commerce Dept. Washington, DC 20548

### MA SP (series).

- 14757 70-18. Remarks of A. E. Gibson, Maritime Administrator, Department of Commerce, at launching of LASH ITALIA at Avondale Shipyards, Inc., New Orleans, La., July 11, 1970. 1970. 3 p. 4° ([US COMM DC 60042.]) †  
C 39.210/2: 70-18
- 14758 Merchant fleets of world, oceangoing steam and motor ships of 1,000 gross tons and over, as of Dec. 31, 1969; [prepared by Office of Subsidy Administration]. [June 30, 1970.] 20 p. 4° ([Report MAR-560-20.])  
\* Paper, 20c. ● Item 236-B  
L.C. card 59-61277 C 39.212: 969

## MEDICINE AND SURGERY BUREAU (Navy), Defense Dept. Washington, DC 20350

- 14759 Manual of Medical Department [1952]: Change 57. July 1, 1970. [52] p. 4° [Issued in looseleaf form.] †  
D 206.8/2: 952/ch.57
- 14760 — Change 58. July 20, 1970. [27] p. 4° [Issued in looseleaf form.] †  
D 206.8/2: 952/ch.58
- Naval Medical Field Research Laboratory, Camp Lejeune, N.C.: [Report].  
‡  
D 206.19: (nos.)
- 14761 v. 20, no. 7. Cupric ion absorption through denuded epithellum [with list of references]; by Leslie H. Cronau, jr. [and others]. May 1970. v+3+[2] p. 4° ([Work unit] MR005.20.0202A.) [Abstract cards on p. 3 of cover.]
- 14762 v. 20, no. 9. Effects of Marine Corps officer candidate school training on serum uric acid levels [with list of references]; by Leslie H. Cronau, jr. [and others]. May 1970. v+4+[3] p. 4° (Work unit MF-12.524.004-8002B.15.)
- Navy Medical Neuropsychiatric Research Unit, San Diego, Calif.: Reports.  
‡  
D 206.21: (nos.)
- 14763 69-25. Military effectiveness of Navy airman enlistees [with list of references; by] John A. Plag [and others]. July 1969. [1]+19+[3] p. 4° ([Research task MF12.524.002-9002.])

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

# OCTOBER 1970

- 14764 70-4. Military effectiveness of naval enlistees serving as medical specialists [with list of references; by] John A. Plag, Jerry M. Goffman and Lester M. Murphy. Nov. 1969. [1]+30+[2] p. il. 4° (Research task MF12.524.002-8002.)

U.S. Naval Submarine Medical Center, Submarine Base, Groton, Conn.: Reports. ‡ D 206.10:(nos.)

- 14765 591. Hearing loss in decompression [with list of references]; by J. Donald Harris. Aug. 5, 1969. cover title, iii+10+2 p. 4° (Research work unit MF12.524.004-9012D.02.)
- 14766 605. Auditory sensitivity of goldfish within near acoustic field [with list of references]; by Richard R. Fay. Nov. 26, 1969. cover title, iii+11+2 p. il. 4° (Research work unit MF12.524.004-9012D.04.)

## MILITARY ACADEMY, West Point (Army), Defense Dept. West Point, NY 10996

- 14767 United States Military Academy, West Point, N.Y.: annual report of Commandant of Cadets July 1, 1968-June 30, 1969: Annex B to annual report of superintendent. [Aug. 20, 1969.] cover title, [4]+ii+23+[19] p. il. 4° ‡  
L.C. card 7-29101 D 109.1: 968-69/annex B
- 14768 — annual report of Dean of Academic Board, July 1, 1969-June 30, 1969: Annex A to annual report of superintendent. [July 1, 1969.] cover title, [1]+77 p. il. 4° ‡  
L.C. card 7-29101 D 109.1: 968-69/annex A
- 14769 — annual report of resource management, July 1, 1968-June 30, 1969: Annex C to annual report of superintendent. [July 1, 1969.] cover title, 98+[1] p. il. 4° ‡  
D 109.1: 968-69/annex C
- 14770 — annual report of superintendent July 1, 1968-June 30, 1969. [1969.] cover title, [3]+21 p. 4° ‡  
L.C. card 7-29101 D 109.1: 968-69

## MILITARY HISTORY, OFFICE OF CHIEF OF (Army), Defense Dept. Washington, DC 20315

- 14771 Publications of Office of Chief of Military History, United States Army. 1970. ii+[1]+22 p. narrow 8° ‡ ● Item 344-B  
L.C. card 76-605851 D 114.10: 970

## MINES BUREAU, Interior Dept. Washington, DC 20240

- 14772 Barite; [by W. Gene Diamond]. [1970.] [2]+6 p. [Preprint from Minerals yearbook, 1969.] \* Paper, 10c. I 28.37/a: B 239/969
- 14773 Calcium and calcium compounds; [by Arnold M. Lansche]. [1970.] [2]+3 p. [Preprint from Minerals yearbook, 1969.] \* Paper, 10c. I 28.37/a: C 126/2/969
- Information circulars. ● Item 637-A I 28.27:(nos.)
- 14774 8471. Technology and use of lignite, proceedings, Bureau of Mines. University of North Dakota symposium, Grand Forks, N. Dak., May 1-2, 1969; compiled by James L. Elder and Wayne R. Kube. [1970.] [2]+iv+174 p. il. 4° \* Paper, \$1.75.  
L.C. card 73-608950
- 14775 8474. Calculation procedure for heat transfer to gas-solid suspension from externally heated tube [with list of references]; by M. B. Bransford and J. H. Holden. [Aug. 1970.] [3]+29 p. il. 4° ‡ Mines Bureau, Pittsburgh, PA 15213
- 14776 8475. Bibliography of investment and operating costs for chemical and petroleum plants, Jan.-Dec. 1969; by Sidney Katell and John R. Duda. [1970.] [31]+162 p. 4° \* Paper, \$1.25.  
L.C. card int 59-53
- 14777 8480. Evaluating economic availability of Mesabi Range taconite iron ores with computerized models [with bibliography]; by R. W. Michelson, H. J. Polta, and Orin Peterson. [1970.] [2]+iii+99 p. il. 4° \* Paper, \$1.00.  
L.C. card 72-608931

♣For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## Information circulars—Continued

- 14778 8481. Injury experience in nonmetallic mineral industries [except stone and coal], 1964-65; by Forrest T. Moyer and Mary B. McNair. [Aug. 1970.] [2]+iv+131 p. 4° † Mines Bureau, Pittsburgh, PA 15213  
L.C. card 60-64515
- 14779 8483. Fly ash utilization, summary of applications and technology [with list of references]; by John P. Capp and John D. Spencer. [1970.] [2]+iii+72 p. il. 4° \* Paper, 70c.  
L.C. card 73-608918
- 14780 Kyanite and related minerals; [by J. Robert Wells]. [1970.] [2]+5 p. [Preprint from Minerals yearbook, 1969.] \* Paper, 10c.  
I 28.37/a : K 98/969
- 14781 Magnesium; [by John R. Lewis]. [1970.] [2]+7 p. [Preprint from Minerals yearbook, 1969.] \* Paper, 10c.  
I 28.37/a : M 274/2/969
- 14782 Mineral industry of Burma; [by Ta Li]. [1970.] [2]+3 p. [Preprint from Minerals yearbook, 1969.] \* Paper, 10c.  
I 28.37/a 2 : B 927/969
- 14783 Mineral industry of Cyprus; [by Eugene R. Slatick]. [1970.] [2]+3 p. [Preprint from Minerals yearbook, 1969.] \* Paper, 10c.  
I 28.37/a 2 : C 992/969
- 14784 Mineral industry of Hungary; [by Joseph B. Huvos]. [1970.] [2]+6 p. [Preprint from Minerals yearbook, 1969.] \* Paper, 10c.  
I 28.37/a 2 : H 894/969
- 14785 Mineral industry of mainland China; [by K. P. Wang]. [1970.] [2]+16 p. [Preprint from Minerals yearbook, 1969.] \* Paper, 15c.  
I 28.37/a 2 : C 441/969
- 14786 Mineral industry of Morocco; [by Henry E. Stipp]. [1970.] [2]+7 p. [Preprint from Minerals yearbook, 1969.] \* Paper, 10c.  
I 28.37/a 2 : M 828/969
- 14787 Mineral industry of Pakistan; [by Charles L. Kimbell]. [1970.] [2]+8 p. [Preprint from Minerals yearbook, 1969.] \* Paper, 10c.  
I 28.37/a 2 : P 17/969
- 14788 Mineral industry of Philippines; [by Ta Li]. [1970.] [2]+6 p. [Preprint from Minerals yearbook, 1969.] \* Paper, 10c.  
I 28.37/a 2 : P 538/969
- 14789 Mineral industry of Rumania; [by Joseph B. Huvos]. [1970.] [2]+5 p. [Preprint from Minerals yearbook, 1969.] \* Paper, 10c.  
I 28.37/a 2 : R 863/969

## Petroleum products survey (series). (Mineral industry surveys.) ● Item 642-A I 28.18/3 : (nos.)

- 14790 65. Diesel fuel oils, winter 1969-70; [by Ella Mae Shelton and C. M. McKinney], cover title, [1]+28 p. map, 4 pl. 4° [Page 22 intentionally left blank.]  
† Mines Bureau, Pittsburgh, PA 15213  
L.C. card 60-64432
- 14791 66. Motor gasolines winter 1969-70; [by Ella Mae Shelton and C. M. McKinney], Aug. 1970. cover title, [1]+47 p. 4 pl. map, 4° † Mines Bureau, Pittsburgh, PA 15213

## Report of investigations. ● Item 637-A I 28.23 : (nos.)

- 14792 7414. Sorption of SO<sub>2</sub> and regeneration of alkaliized alumina in fluidized-bed reactors [with list of references]; by Jack I. Paige [and others]. [Aug. 1970.] [2]+il+32 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 14793 7415. Mathematical evaluation of SO<sub>2</sub> sorption-regeneration reactions with alkaliized alumina (supplement to RI 7275 and RI 7414) [with list of references]; by James H. Russell, Joseph W. Town, and Hal J. Kelly. [Aug. 1970.] [2]+il+29 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 14794 7420. Prediction of sodium concentration in lignite; by Manuel Gomez, Kathleen Hazen, and Everett A. Sondreal. [Aug. 1970.] [3]+17 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 14795 7421. Prediction of coal grindability from exploration data; by Manuel Gomez and Kathleen Hazen. [Aug. 1970.] [3]+34 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 14796 7428. Conversion of municipal and industrial refuse into useful materials by pyrolysis; by W. S. Sanner [and others]. [Aug. 1970.] [3]+14 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 14797 Sodium and sodium compounds; [by Arnold M. Lansche]. [1970.] [2]+4 p.  
[Preprint from Minerals yearbook, 1969.] \* Paper, 10c.  
I 28.37/a: So 16/2/969

## Technical progress reports.

I 28.26/6:(nos.)

- 14798 23. Gas flood efficiency improvement by polymer injection [with list of refer-  
ences]; by Edward L. Burwell and Arlen E. Hunt. Mar. 1970. [2]+8 p. il. 4°  
(Petroleum research program.) † Mines Bureau, Pittsburgh, PA 15213  
14799 27. Recovery of metals from electroplating wastes by waste-plus-waste method  
[with list of references]; by L. C. George and Andrew A. Cochran. Aug.  
1970. [3]+9 p. il. 4° (Solid waste research program.) † Mines Bureau,  
Pittsburgh, PA 15213  
14800 28. Methane emission rate studies in northern West Virginia mine; by Stephen  
Krickovic, Charles Findlay, and W. M. Merritts. Aug. 1970. [3]+11 p. il. 4°  
(Methane control program.) † Mines Bureau, Pittsburgh, PA 15213

## MISSOURI BASIN INTER-AGENCY COMMITTEE

NOTE.—The chairman of the Missouri Basin Inter-Agency Committee for fiscal  
year 1971 is Harrell F. Mosbaugh, P.O. Box 2530, Billings, MT 59103

- 14801 Annual programming report, fiscal years 1970–72. May 1970. cover title,  
[3]+137+ [2] p. 4° [Some pages printed as leaves.] †  
Y 3.M 69: 8/970-72

## MOTOR CARRIER SAFETY BUREAU, Transportation Dept. Washington, DC 20591

Motor carrier accident investigation reports. † TD 2.309:(nos.)

- 14802 70-1. Tamiami Trail Tours, Inc., accident, Jan. 7, 1970, Sasser, Ga. [1970.]  
[1]+9 p. il. 4°  
14803 70-2. Legion Warehouse Corp. and Tri-State Transportation, Inc., accident,  
Feb. 6, 1970, Middletown, Conn. [1970.] [1]+9 p. il. 4°  
14804 70-3. Doepp Crockett Hauling accident, Jan. 21, 1970, Roswell, N. Mex. [1970.]  
[1]+10 p. il. 4°

## NARCOTICS AND DANGEROUS DRUGS BUREAU, Justice Dept. Washington, DC 20530

- 14805 LSD-25, factual account, layman's guide to pharmacology, physiology,  
psychology and sociology of LSD [with list of references; by] Louise G.  
Richards, Milton H. Joffe, [and] George R. Spratto. June 1969 [pub-  
lished 1970]. [4]+44 p. il. [Includes copyrighted material.] \* Paper,  
30c. ● Item 968-A  
L.C. card 70-608928 J 24.8: L 99/rep.

## NATIONAL ADVISORY COUNCIL ON VOCATIONAL EDUCATION Room 5022, ROB 3, 7th and D Sts. S.W., Washington, DC 20202

NOTE.—The National Advisory Council on Vocational Education was established  
by Public Law 90-576, approved Oct. 16, 1968.

- 14806 Cooperative day of planning 2, report on joint meeting of State and Na-  
tional Advisory Councils on Vocational Education, May 1-2, 1970, Wash-  
ington, D.C. [1970.] cover title, [3]+35 p. 4° [Some pages printed as  
leaves.] † ● Item 1070-B-1 Y 3.V 85.2 C 78

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION Washington, DC 20546

NASA contractor report CR (series). NAS 1.26:(nos.)

- 14807 1458. Trade-off study and conceptual designs of regenerative advanced integrated  
life support systems (AILSS) [with bibliography]. Jan. 1970. cover title,  
xiv+755 p. il. 4° [Prepared under contract NAS 1-7905 by Hamilton  
Standard, Division of United Aircraft Corporation, Windsor Locks, Conn.]  
Φ Paper, \$3.00  
L.C. card 70-606749  
14808 1478. Self-study course in FORTRAN programming: v. 2. Workbook; by Valmer  
Norrod, Sheldon Blecher, and Martha Horton. Apr. 1970. cover title,  
x+131+A67 p. il. 4° [Prepared under contract NAS 5-9758 by Com-  
puter Sciences Corporation, El Segundo, Calif.] Φ Paper, \$3.00  
L.C. card 70-606963

ΦFor Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## NASA contractor report CR (series)—Continued

- 14809 1520. Flight computer and language processor study; by Raymond J. Rubey, William C. Nielsen, and Laurel Bentley. Mar. 1970. cover title, iv+137 p. \* [Prepared under contract NAS 12-2005 by Legicon, Incorporated, San Pedro, Calif.]  $\Phi$  Paper, \$3.00.
- 14810 1557. XB-70 structural mode control system design and performance analyses [with list of references]; by John H. Wykes, Louis U. Nardi, and Alva S. Mori. July 1970. cover title, vii+157 p. il. 4 $^{\circ}$  [Prepared under contract NAS 4-1175 by North American Rockwell Corporation, Los Angeles, Calif.]  $\Phi$  Paper, \$3.00.
- 14811 1560. Investigation of vibration isolation of commercial jet transport pilots during turbulent air penetration [with list of references]; by Dale W. Schubert, Jerome S. Pepl, and Frank E. Roman. July 1970. cover title, vi+125 p. il. 4 $^{\circ}$  [Prepared under contract NAS 1-8060 by Barry Wright Corporation, Watertown, Mass.]  $\Phi$  Paper, \$3.00.
- 14812 1561. Experimental and analytical study of visual detection in spacecraft environment [with lists of references]; by Roger P. Heinisch, Clinton L. Jolliffe and Roger N. Schmidt. June 1970. cover title, [250] p. il. 4 $^{\circ}$  [Prepared under contract NAS 2-5015 by Honeywell Inc., St. Paul, Minn.]  $\Phi$  Paper, \$3.00.
- 14813 1566. Radiation induced nonlinear degradation of transistor gain [with list of references]. July 1970. cover title, xvii+197+ [17] p. il. 4 $^{\circ}$  [Prepared under contract NAS 5-10443 by Boeing Company, Seattle, Wash. Issued by originator as Boeing doc. D2-125680-3.]  $\Phi$  Paper, \$3.00.
- 14814 1569. Research on display scanning, sampling, and reconstruction using separate main and secondary tracking tasks [with list of references]; by R. W. Allen, W. F. Clement, and H. R. Jex. July 1970. cover title, [3]+x+117 p. il. 4 $^{\circ}$  [Prepared under contract NAS 2-3746 by Systems Technology, Inc., Hawthorne, Calif. Issued by originator as Technical report 170-2.]  $\Phi$  Paper, \$3.00.
- 14815 1572. Study of pulse propagation of electromagnetic signals through solar corona [with list of references]; by C. M. Knop, Y. Shiao, and Y. Gryls. July 1970. cover title, ix+197 p. il. 4 $^{\circ}$  [Prepared under contract NAS 1-9142 by Consultants in Electrodynamics, Oak Park, Ill.]  $\Phi$  Paper, \$3.00. L.C. card 79-608721
- 14816 1591. Ceramic-metal bore seal development [with list of references]; by P. E. Kueser, M. F. Parkman, and J. W. Toth. July 1970. cover title, xii+170 p. il. 4 $^{\circ}$  [Prepared under contract NAS 3-6465 by Westinghouse Electric Corporation, Aerospace Electrical Division, Lima, Ohio. Issued by originator as report WAED 67.46E.]  $\Phi$  Paper, \$3.00. L.C. card 71-608640
- 14817 1592. Thermal-vacuum testing of high temperature electrical components [with one reference]; by W. L. Grant and P. E. Kueser. Aug. 1970. cover title, xi+253 p. il. 4 $^{\circ}$  [Prepared under contract NAS 3-6465 by Westinghouse Electric Corporation, Aerospace Electrical Division, Lima, Ohio. Issued by originator as report WAED 67.46E.]  $\Phi$  Paper, \$3.00.
- 14818 1593. Development of active optics concept using thin deformable mirror [with list of references]; by Hugh J. Robertson. Aug. 1970. cover title, vii+116 p. il. 4 $^{\circ}$  [Prepared under contract NAS 1-7103 by Perkin-Elmer Corporation, Norwalk, Conn.]  $\Phi$  Paper, \$3.00. L.C. card 72-608635
- 14819 1597. High contrast cathode ray tube engineering report; by D. Rolum. July 1970. cover title, xi+131 p. il. 4 $^{\circ}$  [Prepared under contract NAS 12-605 by Hartman Systems Co. Huntington Station, N.Y.]  $\Phi$  Paper, \$3.00.
- 14820 1602. Analytical and experimental investigation of high entrainment jet pumps [with list of references]; by Kenneth E. Hickman, Gerald B. Gilbert, and John H. Carey. July 1970. cover title, iii+214 p. il. 4 $^{\circ}$  [Prepared under contract NAS 2-4824 by Dynatech R/D Company, Cambridge, Mass.]  $\Phi$  Paper, \$3.00.
- 14821 1603. Development of gas sampling system [with list of references]; by J. E. Hueser and F. J. Brock. July 1970. cover title, [143] p. il. 4 $^{\circ}$  [Prepared under contract NAS 1-5347-15 by Norton Research Corporation, Cambridge, Mass.]  $\Phi$  Paper, \$3.00. L.C. card 75-608641
- 14822 1605. Space geodesy altimetry, pulse compression radar study [with list of references]. July 1970. cover title, [157] p. il. 4 $^{\circ}$  [Prepared under contract NASw-1709 by Rathcon Company, Sudbury, Mass. Issued by originator as report R69-4346.]  $\Phi$  Paper, \$3.00. L.C. card 79-608642
- 14823 1614. Human performance prediction in man-made systems: v. 1. Technical review; by Dorothy L. Finley; [and others]. Aug. 1970. cover title, xiii+215 p. il. 4 $^{\circ}$  [Prepared under contract NAS 2-5038 by Bunker-Ramo Corporation, Defense Systems Division, Canoga Park, Calif.]  $\Phi$  Paper, \$3.00. L.C. card 72-608722
- 14824 1621. Theoretical frequency response functions and power spectra of XB-70 response to atmospheric turbulence [with list of references]; by Thomas E. Stenton. Aug. 1970. cover title, ix+113 p. il. 4 $^{\circ}$  [Prepared under contract NAS 1-7805 by North American Rockwell Corporation, Los Angeles, Calif.]  $\Phi$  Paper, \$3.00.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 14825 1622. Perturbation theory based on Lie transforms and its application to stability of motion near sun-perturbed earth-moon triangular libration points [with list of references]; by Ahmed Aly Kamel, Aug. 1970, cover title, vii+127 p. il. 4° [Prepared under contract NGL-65-020-007 by Stanford University Stanford, Calif.]  $\phi$  Paper, \$3.00.
- 14826 1624. Investigation of noise characteristics and amplitude stabilization of plasma lasers [with bibliography]; by F. M. Shofner, C. W. Bray, and T. B. Carlson, Aug. 1970, cover title, vi+110 p. il. 4° [Prepared under grant NGL-43-001-056 by University of Tennessee Space Institute, Tullahoma, Tenn.]  $\phi$  Paper, \$3.00.  
L.C. card 73-608709
- 14827 1625. Scaling of VTOL recirculation effects [with list of references]; by Gordon R. Hall, Aug. 1970, cover title, vi+122 p. il. 4° [Prepared under contract NAS 3-10498 by Northrop Corporation, Hawthorne, Calif.]  $\phi$  Paper, \$3.00.
- 14828 1628. Interactive specification of data displays [with bibliography]; by R. Anderson [and others], June 1970, cover title, vii+48+[14] p. il. 4° [Prepared under contract NAS5-9756-47C by Wolf Research & Development Corporation, West Concord, Mass.]  $\phi$  Paper, \$3.00.  
L.C. card 73-608207
- 14829 1632. Analysis of wing slippstream flow interaction [with list of references]; by Antony Jameson, Aug. 1970, cover title, [1]+iv+145 p. il. 4° [Prepared under contract NAS 2-4658 by Grumman Aerospace Corporation, Bethpage, N.Y.]  $\phi$  Paper, \$3.00.
- 14830 1634. Data display and analysis [with list of references]; by J. Meads, D. DeFanti, and P. Sweet, July 1970, cover title, vi+33+A-11 p. il. 4° [Prepared under contract NAS 5-9756-151 by Wolf Research and Development Corporation, Bedford, Mass.]  $\phi$  Paper, \$3.00.  
L.C. card 72-608643
- 14831 1636. Possible modifications to calculation of perceived noisiness [with list of references]; by K. D. Kryter, Aug. 1970, cover title, vi+63 p. il. 4° [Prepared under contract NAS 1-6855 by Stanford Research Institute, Menlo Park, Calif.]  $\phi$  Paper, \$3.00.
- 14832 1640. Further study of jimsphere wind profiles as related to space vehicle design and operations [with list of references]; by S. I. Adelfang [and others], Aug. 1970, cover title, xi+85 p. il. 4° [Prepared under contract NAS 8-30165 by Lockheed-California Co., Burbank, Calif.]  $\phi$  Paper, \$3.00.
- 14833 1643. Study of relationships between aircraft system performance and pilot ratings [with one reference]; by W. C. Schultz, F. D. Newell, and R. F. Whitbeck, July 1970, cover title, x+54 p. il. 4° [Prepared by Cornell Aeronautical Laboratory, Inc., Buffalo, N.Y.]  $\phi$  Paper, \$3.00.
- 14834 1645. Application of imperfect, reduced-state relay control to model-reference systems [with bibliography]; by T. M. Taylor, Aug. 1970, cover title, viii+69 p. il. 4° [Prepared under contract NGL-07-002-002 by University of Connecticut, Storrs, Conn.]  $\phi$  Paper, \$3.00.
- 14835 1654. Analysis of limited memory estimators and their application to spacecraft attitude determination [with list of references]; by Edwin C. Foudriat, Aug. 1970, cover title, iii+82 p. il. 4° [Prepared under grant NGL-50-001-009 by Marquette University, Milwaukee, Wis.]  $\phi$  Paper, \$3.00.

## NASA EP (series).

- 14836 61. [America in space, first decade]: aeronautics by David A. Anderton. [1970.] [6] p. il. 4° [Information about additional reading printed on p. 3 of cover.] \* Paper, 45c.  $\bullet$  Item S30-G  
L.C. card 70-608661 NAS 1.19: 61

## NASA SP (series).

NAS 1.21: (nos.)

- 14837 202. Aerospace food technology, principal addresses at conference co-sponsored by National Aeronautics and Space Administration and National Academy of Sciences at University of South Florida, St. Petersburg, Fla., Apr. 15-17, 1969 [with lists of references], 1970, xiii+204 p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.)  $\phi$  Paper, \$3.00  
L.C. card 74-602069
- 14838 215. 5th annual NASA-University Conference on Manual Control [Massachusetts Institute of Technology, Cambridge, Mass.], Mar. 27-29, 1969 [papers, with bibliographies], [1970.] vii+713 p. il. 4° ([Scientific and Technical Information Division, Office of Technology Utilization.]) [Sponsored jointly by National Aeronautics and Space Administration and Massachusetts Institute of Technology.]  $\phi$  Paper, \$3.00.  
L.C. card 66-61934
- 14839 231. EXAMETNET data report series; [Experimental InterAmerican Meteorological Rocket Network] annual report, 1968, 1970, vii+173+[31] p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) [Prepared under contract for NASA's Wallops Station and Exametnet Executive Committee by Shellenger Research Laboratories, University of Texas at El Paso. Foreword is in English, Spanish, and Portuguese. Includes list of EXAMETNET and related publications, reports, and handbooks.]  $\phi$  Papers, \$3.00.  
L.C. card 74-601814

$\phi$ For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

$\bullet$ Sent to Depository Libraries

Page 95

# GOVERNMENT PUBLICATIONS

## NASA SP (series)—Continued

- 14840 233. Optical telescope technology, workshop held at Marshall Space Flight Center, Huntsville, Ala. Apr. 29–May 1, 1969 [papers, with lists of references]; prepared by Office of Space Science and Applications. 1970. xii+783 p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) \* Paper, \$6.25. • Item 830-1  
L.C. card 79-605809
- 14841 235. Apollo 12, preliminary science report [with lists of references]; prepared by NASA Manned Spacecraft Center. 1970. xii+227 p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) \* Paper, \$3.00  
L.C. card 73-606625
- 14842 3055. Ray tracing digital computer program for study of magnetospheric duct propagation; [by] Jayaram Ramasastry and Edward J. Walsh. 1970. v+296 p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) [Prepared by NASA Electronics Research Center.] \* Paper, \$3.00  
L.C. card 74-608594
- 14843 7035. NASA scientific and technical reports and publications for 1969, selected listing; [prepared by NASA Scientific and Technical Information Facilities]. May 1970. ix+512+429 p. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) \* Paper, \$7.50. • Item 830-1  
L.C. card 64-61468
- 14844 7500 (04). Management, continuing literature survey, with indexes; selection of annotated references to unclassified reports and journal articles entering NASA and DoD information systems in 1969. Information Division, Office of Technology Utilization.) \* Paper, \$3.00.  
L.C. card 71-608868

## NASA technical note TN (series).

NAS 1.14: D—(nos.)

- 14845 D-5630. Examples of usefulness of satellite data in general atmospheric circulation research; pt. 1. Monthly global atmospheric circulation characteristics as reflected in TIROS VII radiometric measurements [with list of references]; by Lewis J. Allison [and others]. Dec. 1969. cover title, iv+75 p. il. 4° \* Paper, \$3.00  
L.C. card 76-607805
- 14846 D-5650. Repeatability, accuracy, portability, and errors of portable alignment gyrocompass system; by John J. Mihm and Richard A. Murphy. July 1970. cover title, [1]+35 p. il. 4° \* Paper, \$3.00
- 14847 [This entry number not used.]
- 14848 D-5695. Wind-tunnel investigation of V/STOL transport model with 6 wing-mounted lift fans [with list of references]; by William A. Newsom, Jr., and Frederick L. Moore. Mar. 1970. cover title [1]+120 p. il. 4° \* Paper, \$3.00.
- 14849 D-5747. Computer-made motion pictures and time history plots of ion-polar-molecule collisions [with list of references]; by John V. Dugan, Jr., R. Bruce Canright, Jr., and Raymond W. Palmer. June 1970. cover title, [1]+33 p. il. 4° \* Paper, \$3.00.  
L.C. card 70-607928
- 14850 D-5840. Deployment and performance characteristics of 5-foot-diameter (1.5m) attached inflatable decelerator at Mach numbers 2.2 to 4.4 [with list of references]; by Herman L. Bohon and R. Miserentino. Aug. 1970. cover title, [1]+43 p. il. 4° \* Paper, \$3.00.
- 14851 D-5851. Phenomenological and statistical analysis of fracture in polycrystalline aluminum oxide [with list of references]; by Thomas M. Heslin and Alfred G. Eubanks. Aug. 1970. cover title, iii+17 p. il. 4° \* Paper, \$3.00.
- 14852 D-5852. Voltage breakdown in low-temperature cesium-vapor diode [with list of references]; by Gale R. Sundberg and Richard G. Seasholtz. June 1970. cover title, [1]+15 p. il. 4° \* Paper, \$3.00.
- 14853 D-5855. Effect of blade leading edge thickness on cavitation performance of 80.6° helical inducer in hydrogen [with list of references]; by Royce D. Moore and Phillip R. Meng. June 1970. cover title, [1]+21 p. il. 4° \* Paper, \$3.00.
- 14854 D-5865. Phase interpolation circuits for scanning phased arrays [with list of references]; by R. J. Mailloux [and others]. July 1970. cover title, [1]+12 p. il. 4° \* Paper, \$3.00.
- 14855 D-5868. Performance of twin gyro attitude control system including passive compensation and nonlinear control law [with list of references]; by Richard A. Campbell. Aug. 1970. cover title, x+98 p. il. 4° \* Paper, \$3.00.
- 14856 D-5877. Acoustic and aerodynamic performance of 6-foot-diameter fan for turbofan engines: 1. Design of facility and QF-1 fan [with list of references]; by Bruce R. Leonard [and others]. July 1970. cover title, [1]+31 p. il. 4° \* Paper, \$3.00.
- 14857 D-5888. Development of model for distributed saturation characteristics in integrated devices [with list of references]; by W. W. Happ and L. B. Dickson. July 1970. cover title, [1]+16 p. il. 4° \* Paper, \$3.00.
- 14858 D-5889. Design evaluation of distributed saturation characteristics in integrated devices [with list of references]; by W. W. Happ and L. B. Dickson. July 1970. [1]+16 p. il. 4° \* Paper, \$3.00.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 14859 D-5891. 1000-hour endurance test of glass-coated accelerator grid on 15-centimeter-diameter Kaufman thruster [with list of references]; by Bruce A. Banks, and Robert T. Bechtel. July 1970. cover title, iii+49 p. il. 4°  $\phi$  Paper, \$3.00.
- 14860 D-5894. Simulation of ionospheric conditions for space vehicles [with list of references]; by Noble H. Stone and Wilhelm K. Rehmann. Aug. 1970. cover title, iv+26 p. il. 4°  $\phi$  Paper, \$3.00.
- 14861 D-5899. Heat-transfer measurements at Mach 8 on flat plate with deflected trailing-edge flap with effects of transition included [with list of references]; by Charles B. Johnson. July 1970. cover title, [1]+53 p. il. 4°  $\phi$  Paper, \$3.00.
- 14862 D-5903. Effects of angle of attack and bluntness on hypersonic flow over 15° semilapex cone in helium [with list of references]; by Joseph W. Cleary and Charles E. Duller. Aug. 1970. cover title, iv+40 p. il. 4°  $\phi$  Paper, \$3.00.
- 14863 D-5907. Inverse-method solution for radiating, nonadiabatic equilibrium inviscid flow over blunt body [with list of references]; by Ralph A. Falanga and Edward M. Sullivan. Aug. 1970. cover title, [1]+34 p. il. 4°  $\phi$  Paper, \$3.00.
- 14864 D-5909. First-order effects of plane surfaces on kinetic behavior of gases [with list of references]; by Willard E. Meador. Aug. 1970. cover title, [2]+20 p. il. 4°  $\phi$  Paper, \$3.00.
- 14865 D-5912. Use of lunar beacons in lunar orbit estimation [with list of references]; by Thomas M. Carson. Aug. 1970. cover title, iv+46 p. il. 4°  $\phi$  Paper, \$3.00.
- 14866 D-5917. Magnetic force upset welding of dissimilar thickness stainless-steel T-joints [with list of references]; by Kenneth H. Holko. July 1970. cover title, [1]+29 p. il. 4°  $\phi$  Paper, \$3.00.
- 14867 D-5918. Solid-state welding of TD-nickel bar [with list of references]; by Thomas J. Moore and Kenneth H. Holko. July 1970. cover title, [1]+38 p. il. 4°  $\phi$  Paper, \$3.00.
- 14868 D-5919. Analysis of effect of design and measurement errors on pump performance parameters [with list of references]; by Douglas A. Anderson. July 1970. cover title, [1]+65 p. il. 4°  $\phi$  Paper, \$3.00.
- 14869 D-5926. Effects of thermal loading on composites with constituents of differing thermal expansion [with list of references]; by Charles A. Hoffman. Aug. 1970. cover title, v+76 p. il. 4°  $\phi$  Paper, \$3.00.
- 14870 D-5927. p-p and p-t final state interactions in reactions  $^3\text{He}(d\text{-}tp)p$  [with list of references]; by R. E. Warner [and others]. Aug. 1970. cover title, ii+24 p. il. 4°  $\phi$  Paper, \$3.00.
- 14871 D-5928. Turbine aerodynamic and cooling requirements for turbojet powered Mach 3 transport using methane fuel [with list of references]; by David G. Evans, Keith A. Furgalus, Francis S. Stepka. Aug. 1970. cover title, iii+78 p. il. 4°  $\phi$  Paper, \$3.00.
- 14872 D-5929. Block and strip solutions involving lunar orbiter photographic data used to prepare contour charts for five Apollo landing sites [with list of references]; by Ruben L. Jones. Aug. 1970. cover title, [1]+68 p. il. 4°  $\phi$  Paper, \$3.00.
- 14873 D-5931. Air permeability studies of lightweight coated fabric subjected to uniaxial tensile loads with and without prior cycling [with list of references]; by Jerry W. Deaton. Aug. 1970. cover title, [1]+22 p. il. 4°  $\phi$  Paper, \$3.00.
- 14874 D-5932. Full-scale wind tunnel investigation of aerodynamic characteristics of X-24A lifting body aircraft [with list of references]; by Kenneth W. Mort and Michael D. Falarski. Aug. 1970. cover title, iv+54 p. il. 4°  $\phi$  Paper, \$3.00.
- 14875 D-5934. Application of Brouwer's artificial-satellite theory to computation of state transition matrix [with list of references]; by George H. Born and James C. Kirkpatrick. Aug. 1970. cover title, iv+35 p. il. 4°  $\phi$  Paper, \$3.00.
- 14876 D-5937. Effects of two-dimensional sinusoidal waves on heat transfer and pressure over plate at Mach 8.0 [with list of references]; by Leonard M. Weinstein. Aug. 1970. cover title, [1]+42 p. il. 4°  $\phi$  Paper, \$3.00.
- 14877 D-5938. Compressive and column strengths of aluminum tubing with various amounts of unidirectional boron/epoxy reinforcement [with list of references]; by H. Benson Dexter. Aug. 1970. cover title, [1]+32 p. il. 4°  $\phi$  Paper, \$3.00.
- 14878 D-5939. Adaptive controller for space base spin plane orientation [with list of references]; by Willard W. Anderson and Ralph W. Will. Aug. 1970. cover title, [1]+36 p. il. 4°  $\phi$  Paper, \$3.00.
- 14879 D-5940. Fixed-base visual simulation of obstacle avoidance during terminal descent of advanced Apollo spacecraft with all-flexible parawing [with list of references]; by G. Kimball Miller, jr. Aug. 1970. cover title, [1]+49 p. il. 4°  $\phi$  Paper, \$3.00.
- 14880 D-5941. Parametric design of interplanetary and orbital trajectories with examples for Mars 1973, 1975, and 1977 opportunities [with list of references]; by John F. Newcomb and William F. Hampshire II. Aug. 1970. cover title, [1]+78 p. il. 4°  $\phi$  Paper, \$3.00.
- 14881 D-5942. Wind-tunnel investigation of V/STOL transport model with four pod-mounted lift fans [with list of references]; by William A. Newsom, jr. Aug. 1970. cover title, [1]+102 p. il. 4°  $\phi$  Paper, \$3.00.

$\phi$ For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## NASA technical note TN (series)—Continued

- 14882 D-5943. Measured and predicted longitudinal vibrations of liquid propellant two-stage launch vehicles [with list of references]; by Robert R. Clary and Lloyd J. Turner, Jr. Aug. 1970. cover title, [1]+60 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14883 D-5951. Approximation for distribution of flow properties in angle-of-attack plane of conical flows [with list of references]; by Joseph W. Cleary. Aug. 1970. cover title, iv+34 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14884 D-5952. Method for predicting pressures on elliptic cones as supersonic speeds [with list of references]; by George E. Kaattari. Aug. 1970. cover title, iv+23 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14885 D-5953. High precision Chebyshev series approximation to exponential integral [with list of references]; by Kim L. Lee. Aug. 1970. cover title, [1]+23 p. 4°  $\Phi$  Paper, \$3.00.
- 14886 D-5954. Optimization of self-acting thrust bearings for load capacity and stiffness [with list of references]; by Bernard J. Hamrock. Aug. 1970. cover title, [1]+27 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14887 D-5955. Stress concentration due to hyperboloid cavity in thin plate [with list of references]; by Robert E. Reed, Jr., and Philip R. Wilcox. Aug. 1970. cover title, iii+17 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14888 D-5961. Interaction of intermediate energy protons with light nuclei [with list of references]; by W. K. Roberts and others]. Aug. 1970. cover title, iii+55 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14889 D-5968. Investigation of initial century series ringsail parachute; by Ieland C. Norman, and Kenneth L. Sult. Aug. 1970. cover title, vi+54 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14890 D-5972. Investigation of optimum detection scheme for star-field mapping system [with list of references]; by Melvin D. Aldridge and Leonard Credeur. Sept. 1970. cover title, [1]+32 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14891 D-5975. Predetection polarization diversity combiner [with list of references]; by Chase P. Hearn. Sept. 1970. cover title, [1]+29 p. il. 4°  $\Phi$  Paper, \$3.00.

## NASA technical report R (series).

NAS 1.12: (nos.)

- 14892 338. Program analysis, problem in man-computer communication [with list of references]; by Joseph Green. June 1970. cover title, v+129 p. il. 4°  $\Phi$  Paper, \$3.00.
- L.C. card 78-607772
- 14893 340. Temperature, pressure, density, and wind measurements in stratosphere and mesosphere [with list of references]; by W. S. Smith [and others]. Aug. 1970. cover title, iii+77 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14894 341. Integration of relativistic equations of motion of an artificial earth satellite [with list of references]; by Abolghassem Ghaffari. July 1970. cover title, iii+9 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14895 342. Global navigation and traffic control using satellites [with list of references]; by Leo M. Keane [and others]. July 1970. cover title, [1]+26 p. il. 4°  $\Phi$  Paper, \$3.00.

## NASA technical translation TT (series)

NAS 1.13/2: (nos.)

- 14896 F-603. Systems for deflection of jet streams of turbo-jet engines [with list of references]; by A. A. Svyatogorov, K. N. Popov, and N. I. Khavostov. Mar. 1970. cover title, vi+202 p. il. 4° [Translation of *Ustroystva dlya otkloneniya reaktivnoy strui turboreaktivnykh dvigateley*, Mashinostroyeniye Press, Moscow, 1968.  $\Phi$  Paper, \$3.00.
- L.C. card 75-606647
- 14897 F-610. Problem of operational reliability of flight control systems and automatic piloting of aircraft [with list of references]; by Olaf Peters. Aug. 1970. cover title, vii+137 p. il. 4° [Dissertation Technische Universität, Berlin 1967.]  $\Phi$  Paper, \$3.00.
- L.C. card 78-608710
- 14898 F-617. Atmosphere of Planet Jupiter [with list of references]; by V. G. Teyfel'. July 1970. cover title, iii+168 p. il. 4° [Nauka Press, Moscow, 1969.]  $\Phi$  Paper, \$3.00.
- L.C. card 70-608719

- 14899 Scientific and technical aerospace reports, semiannual indexes, v. 8, nos. 1-12, Jan-June 1970. June 30, 1970. \* Paper, \$10.75 per set of 2 volumes.

● Item 830-K

L.C. card 64-39060

NAS 1.9/5: 8/1-12/sec.1,2

sec. 1. Subject index. viii+783 p. 4°

sec. 2. Personal author, corporate source, contract number, report/accession number, accession/report number indexes. [839] p. 4°

NOTE.—Also sold on subscription. \* Paper, \$30.00 a year, \$5.00 additional for foreign mailing.

- 14900 21st semiannual report to Congress, Jan. 1-June 30, 1969. [1970.] xvi+232 p. il. [Text on p. 2 of cover. Also issued as H. doc. 314, 91st Congress, 2d session.] \* Paper, \$1.25. ● Item 830-A
- L.C. card 59-61976

NAS 1.1: 969

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

## NATIONAL AIR POLLUTION CONTROL ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20204

- 14901 Air pollution report Federal facilities: Metropolitan Toledo interstate air quality control region [with list of references and notes; by] Charles A. Kossack. Aug. 1970. [3]+13 p. il. 4° † ● Item 483-E  
L.C. card 77-607264 HE 20.1310/2: T 57
- National Air Pollution Control Administration publication AP (series).
- 14902 59. Climate of cities, survey of recent literature [with list of references]; by James T. Peterson. Oct. 1969. [2d printing Sept. 1970]. v+48 p. il. \* Paper, 55c. ● Item 483-E  
L.C. card 70-604448 HE 20.1309: 59
- National Air Pollution Control Administration publication APTD (series).
- 14903 70-2. Large power plant effluent study (LAPES): v. 1. Instrumentation, procedures, and data tabulations, 1968 [with list of references; by] Francis A. Schiermeier and Lawrence E. Niemeyer. June 1970. vii+410 p. il. 4° [Some illustrations are colored.] † Office of Technical Information and Publications, 1033 Wade Ave., Raleigh, NC 27605 ● Item 483-E  
L.C. card 70-608933 HE 20.1309/2: 70-2
- 14904 Report for consultation on metropolitan Chicago interstate air quality control region (Indiana-Illinois) [with lists of references]. Sept. 1968. [published 1970]. [1]+85 p. il. 4° † ● Item 483-E  
L.C. card 77-600866 HE 20.1310: C 43

## NATIONAL ARCHIVES AND RECORDS SERVICE, General Services Administration, Washington, DC 20408

- 14905 For all the people, Harry S. Truman Library [film]. [1970.] [2] p. 4° folded into oblong 48" size. †  
General information leaflet. GS 4.2: T 77/2
- 14906 4. List of slides. [1970.] [1]+8+[2] p. narrow 8° ([70-9]) † GS 4.22: 4
- 14907 Military operations of Civil War, guide-index to Official records of Union and Confederate Armies, 1861-65, v. 2: Main eastern theater of operations, 3d fascicle, sec. M, Comprehensive index of recognized military operations, 2d part; [compiled by Dallas Irvine]. 1970. cover title, 173-254 p. 4° ([National Archives publication 68-11]; National Archives.) [Contents by volume and section on p. 4 of cover.] \* Paper, \$1.00.  
● Item 569-D  
L.C. card 73-604454 GS 4.21: 2/3
- National Archives inventory series.
- 14908 2. Records of the United States Marine Corps, National Archives inventory record group 127; compiled by Maizie Johnson. 1970. viii+90 p. 4° (National Archives.) †  
L.C. card 78-607015 GS 4.10/2: 2
- National Archives microfilm publications: Pamphlet accompanying [microcopy]. (National Archives.) ‡ GS 4.20: (nos.)
- 14909 44. Despatches from United States Ministers to German States and Germany, 1799-1801, 1835-1906; [prepared by Ralph E. Huss]. 1970. cover title, 11 p.
- 14910 61. Foreign letters of Continental Congress and Department of State, 1785-90. 1970. cover title, 2 p. [Text on p. 2 of cover.]
- 14911 326. Index to passenger lists of vessels arriving at Baltimore (city passenger lists), 1833-66; [prepared by Joyce D. Clarrochl.] 1970. cover title, 7 p.
- 14912 646. Records of Department of State relating to political relations between Bolivia and other States, 1910-29; [prepared by Ralph E. Huss]. 1970. cover title, [6] p.
- 14913 748. Records of Department of State relating to political relations between Peru and other States, 1910-29; [prepared by Frank S. Soriano]. 1970. cover title, 7 p.

## NATIONAL BUREAU OF STANDARDS, Commerce Dept. Gaithersburg, MD 20760

- Building science series. ● Item 241-A C 13.29/2: (nos.)
- 14914 28. Exploratory studies of early strength development in Portland cement pastes and mortars [with list of references; by] R. L. Blaine and L. A. Tomes. July 1970. ii+11 p. il. 4° (Building Research Division, Institute for Applied Technology.) \* Paper, 25c.

♠For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## Building science series—Continued

- 14915 31. Flexural behavior of prestressed concrete composite tee-beams [with list of references: by] J. O. Bryson and E. F. Carpenter. July 1970. II+12 p. II. 4°  
\* Paper, 25c.  
L.C. card 75-608755

- 14916 Directory of standards laboratories; prepared by National Conference of Standards Laboratories. 1969 edition. [1969.] cover title, [51] p. 4°  
[Text on p. 2 of cover.] †  
C 13.2: St 2/2/969

Federal information processing standards publication, FIPS pub. [Issued with perforations.] \* Paper, \$12.00 (including all new FIPS publications and supplements for an indefinite period), \$3.00 additional for foreign mailing; single copies vary in price. ● Item 248-D

C 13.52: (nos.)

- 14917 5-1. States and outlying areas of United States. June 15, 1970. cover title, 4 p. 4° (Federal general data standard, representations and codes.) [Text on p. 2 of cover. Supersedes FIPS pub. 5, Nov. 1, 1968.] \* Paper, 20c.

- 14918 6-1. Counties and county equivalents of States of United States. June 15, 1970. cover title, 34 p. II. 4° (Federal general data standard representations and codes.) [Text on p. 2 of cover. Supersedes FIPS Pub 6, Nov. 1, 1968.] \* Paper, 45c.

- 14919 10. Countries, dependencies and areas of special sovereignty. June 15, 1970. cover title, 23 p. 4° (Federal general data standard representations and codes.) [Text on p. 2 of cover.] \* Paper, 35c.

- 14920 Measurement users bulletin, no. 11: Supplement to NBS special publication 250, 1968 edition. Aug. 1970. 2+9 p. 4° [Issued with perforation.] † ● Item 247  
C 13.10: 250/3/supp.-10

## Special publications. ● Item 247

C 13.10: (nos.)

- 14921 260. Price and availability listing of standard reference materials, supplement. July 1970. [2]+12 p. 4° (Office of Standard Reference Materials.) †

- 14922 300. Precision measurement and calibration, selected NBS papers [with bibliographies]: v. 4. Electricity-radio frequency; Arthur J. Estlin, editor. June 1970. xiii+437 p. II. 4° [Compilation of previously published papers by staff of National Bureau of Standards, including selected abstracts by NBS and non-NBS authors. Includes official SI unit names and symbols list on p. 3 of cover.] \* Cloth, \$5.50.  
L.C. card 68-60042

- 14923 331. Radioactivity calibration standards, proceedings of special session of International Conference of American Nuclear Society meeting on constructive uses of atomic energy, Washington, D.C., Nov. 10-15, 1968 [papers, with bibliographies]; edited by W. B. Mann and S. B. Garfinkel. Aug. 1970. iv+118 p. II. 4° \* Paper, \$1.25.  
L.C. card 74-608945

## Technical notes. ● Item 249-A

C 13.46: (nos.)

- 14924 535. Compilation and use of criminal court data in relation to pre-trial release of defendants, pilot study [with list of references and bibliography: by] J. W. Locke and others]. Aug. 1970. vi+236 p. 4° (Technical Analysis Division, Institute for Applied Technology.) \* Paper, \$1.75.

- 14925 537. Nomographs for use in fabrication and testing of Ge(Li) detectors [with list of references: by] Alvin H. Sher. Aug. 1970. iii+16 p. II. 4° \* Paper, 30c.

- 14926 538. Automated fingerprint identification [with list of references: by] J. H. Wegstein. Aug. 1970. iii+31 p. II. 4° \* Paper, 40c.  
L.C. card 73-609146

- 14927 553. Critical evaluation of data in physical sciences, status report on national standard reference data system. June 1970; David R. Lide, Jr., editor. Sept. 1970. iv+73 p. 4° [Includes list of publications issued in NSRDS series.] \* Paper, 70c.  
L.C. card 73-609146

## Voluntary product standard PS (series). [Office of Engineering Standards Service.] ● Item 243

C 13.20/2: (nos.)

- 14928 24-70. Melamine dinnerware (alpha-cellulose-filled) for household use. [Aug. 1970.] [2]+8+[1] p. [Effective Apr. 1, 1960. Supersedes Commercial standard CS 210-57.] \* Paper, 10c.

- 14929 25-70. Heavy-duty alpha-cellulose-filled melamine tableware. [Aug. 1970.] [2]+6+[2] p. [Effective Apr. 1, 1970. Supersedes Commercial standard CS 173-50.] \* Paper, 10c.

- 14930 27-70. Mosaic-parquet hardwood slat flooring. [Sept. 1970.] [2]+11 p. [Effective Apr. 15, 1970.] \* Paper, 25c.

- 14931 28-70. Glass stopcocks with polytetrafluoroethylene (PTFE) plugs. [Sept. 1970.] [2]+18 p. [Effective May 1, 1970.] \* Paper, 25c.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1970

**NATIONAL CANCER INSTITUTE, Health, Education, and Welfare Dept.  
Bethesda, MD 20014**

Research report.

- 14932 Research on malignant diseases of brain. [1970.] [3]+20 p. il. (Research Information Branch.) [Includes list of other publications available on p. 3 of cover.] \* Paper, 20c. ● Item 507-V  
L.C. card 75-608913 HE 20.3166: B 73

**NATIONAL CENTER FOR HEALTH SERVICES RESEARCH AND  
DEVELOPMENT, Health, Education, and Welfare Dept.  
Rockville, MD 20852**

Report NCHS-RD-(series).

- 14933 70-1. Quantitative methods for evaluating hospital designs [with list of references cited; by] Gerald L. Delon and Harold E. Smalley. Apr. 1970. cover title. xiv+239 p. il. 4° ([Prepared under research grant HM 00529 by School of Industrial and Systems Engineering, Georgia Institute of Technology, Atlanta, Ga. Text on p. 3 of cover.] † ● Item 391-B-2  
L.C. card 71-608939 HE 20.2110: 70-1

**NATIONAL CENTER FOR HEALTH STATISTICS, Health, Education,  
and Welfare Dept., Washington, DC 20201**

Vital and health statistics: Series 2, Data evaluation and methods research.

- 14934 38. Estimation and sampling variance in health interview survey [with list of references]. June 1970. iv+28 p. il. 4° ([Public Health Service publication 1000, series 2, no. 38; Office of Statistical Methods.]) \* Paper, 35c.  
● Item 500-E  
L.C. card 76-605819 HE 20.2210: 2/38

— Series 11, Data from National Health Survey.

- 14935 103. School achievement of children 6-11 years, as measured by reading and arithmetic subtests of wide range achievement test. United States [with list of references; by K. Warner Schaie and Jean Roberts]. June 1970. iv+47 p. il. 4° ([Public Health Service publication 1000 series 11, no. 103; Division of Health Examination Statistics.]) [Prepared in cooperation with Bureau of Census.] \* Paper, 50c. ● Item 500-E  
L.C. card 76-605827 HE 20.2210: 11/103

— Series 13, Data from National Health Survey.

- 14936 6. Inpatient utilization of short-stay hospitals by diagnosis, United States, 1965 [with list of references; by Edythe A. Gray]. May 1970. iv+77 p. il. 4° ([Public Health Service publication 1000, series 13, no. 6; Division of Health Resources Statistics.]) \* Paper, 75c. ● Item 500-E  
L.C. card 74-606557 HE 20.2210: 13/6

**NATIONAL CENTER FOR SOCIAL STATISTICS, Health, Education,  
and Welfare Dept., Washington, DC 20201**

- 14937 Concurrent receipt of public assistance money payments and old-age, survivors, and disability insurance cash benefits by persons aged 65 or over, 1948-70 and Feb. 1970. [1970.] 1 p. 4 tabs., 4° (NCSS report G-2 (2/70).) [Issued with perforations.] †  
HE 17.636: 948-70
- 14938 Public assistance: Vendor payments for medical care by type of service, calendar year Dec. 31, 1969. [1970.] [12] p. 4° (NCS report B-2 (CY 69).) [Issued with perforations.] †  
L.C. card 70-603030 HE 17.617: 969-2
- 14939 Statistical report on social services, quarter ended Sept. 30, 1969. [1969.] [8] p. 4° (NCSS report E-1 (7/69-9/69).) [Issued with perforations.] †  
HE 17.628: 969-2

**NATIONAL CLEARINGHOUSE FOR DRUG ABUSE INFORMATION  
5454 Wisconsin Avenue, Chevy Chase, MD 20015**

- 14940 Federal source book: Answers to most frequently asked questions about drug abuse. [1970.] cover title, [1]+30 p. [Produced jointly by Defense Department, Health, Education, and Welfare Department, Justice Department, Labor Department, Economic Opportunity Office.] \* Paper, \$18.75 per 100; single copy 25c. ● All libraries. PrEx 13.2: An 8/rep.

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
● Sent to Depository Libraries

Page 101

# GOVERNMENT PUBLICATIONS

- 14941 Selected drug education curricula; Curriculum guide for drug education grades 6-12 Tacoma Public Schools, Tacoma, Wash. [1970.] [6]+19 +[35] p. 4° [Reprinted with permission from Tacoma Public Schools, Tacoma, Wash. One of a series.] \* Paper, 60c. ● Item 831-C  
L.C. card 76-608530 PrEx 13.8: Ed 8/6
- 14942 — Drug abuse education, 1968, grades 6, 9, 12 Baltimore County Board of Education, Towson, Md. [1970.] cover title, [5]+ii+108 p. il. 3 pl. 4° [Reprinted with permission from Division of Instructional Services, Board of Education of Baltimore County, Towson, Md. Includes suggested reading list for adults. One of a series.] \* Paper, \$1.00. ● Item 831-C  
L.C. card 76-608530 PrEx 13.8: Ed 8
- 14943 — Drug abuse education unit, grades K-12, South Bay Union School District, Imperial Beach, Calif. [1970.] cover title, [5]+47+[9]+68 p. il. 4° [Reprinted with permission from South Bay Union School District, Imperial Beach, Calif. One of a series.] \* Paper, \$1.25. ● Item 831-C  
L.C. card 76-608530 PrEx 13.8: Ed 8/4
- 14944 — Drugs and hazardous substances, grades K-12, San Francisco Unified School District, San Francisco, Calif. [with lists of Teachers references]. [1970.] cover title, [209] p. 4° [Reprinted with permission from San Francisco Unified School District. One of a series.] \* Paper, \$1.75. ● Item 831-C  
L.C. card 76-608530 PrEx 13.8: Ed 8/7
- 14945 — Narcotic and drug education, grades K-12, Flagstaff Public Schools, Flagstaff, Ariz. [1970.] cover title, [3]+iv+59 p. il. 4° [Reprinted with permission from Flagstaff Public Schools, Flagstaff, Ariz. Includes list of resources for drug abuse unit. One of a series.] \* Paper, 65c. ● Item 831-C  
L.C. card 76-608530 PrEx 13.8: Ed 8/2
- 14946 — Strand 2, Sociological health problems, grades 4-6, New York State Education Department, Albany, N.Y. [with list of references and readings]. [1970.] cover title, [3]+viii+58 p. il. 4° [Includes lists of Student and teacher references. Reprinted with permission from Bureau of Health Education, New York State Education Department, Albany, N.Y. One of a series.] \* Paper, 65c. ● Item 831-C  
L.C. card 76-608530 PrEx 13.8: Ed 8/3
- 14947 — Tobacco, drug, and alcohol unit, grade 6, Great Falls School District no. 1, Great Falls, Mont. [with bibliography; prepared by Donna Anfeldt and others]. [1970.] cover title, [3]+133 p. il. 4° [Reprinted with permission Great Falls School District no. 1, Instructional and Library Materials Center. One of a series.] \* Paper, \$1.25. ● Item 831-C  
L.C. card 76-608530 PrEx 13.8: Ed 8/8

## NATIONAL COLLECTION OF FINE ARTS, Smithsonian Institution Washington, DC 20560

- 14948 Leonard Baskin, essay [with bibliography]; by Alan Fern, annotated by Leonard Baskin. 1970 [4]+76 p. il. 4° \* Paper, 75c.  
L.C. card 78-606653 SI 6.2: B 29

## NATIONAL COMMISSION ON REFORM OF FEDERAL CRIMINAL LAWS, 1111 20th St. N.W., Washington, DC 20036

NOTE.—The National Commission on Reform of Federal Criminal Laws was established by Public Law 89-801, approved Nov. 8, 1966.

Study draft [and Working papers relating to chapters of Study draft] of new Federal criminal code (Title 18, United States Code). \* Paper, \$8.25 per set of 3 volumes. ● Item 1089

- 14949 Study draft. 1970. [1]+lxvi+344 p.  
Working papers. [July 1970.] 2v. [lxx]+1448+[xv] p.  
L.C. card 72-608600 Y 3.N 21/26: 2 C 86

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

## NATIONAL COMMUNICABLE DISEASE CENTER, Health, Education, and Welfare Dept., Atlanta, GA 30333

- 14950 Health information for international travel. [Apr. 1970.] [2]+6+[8] p. il. 24° ([Public Health Service publication 2045.]) \* Paper, \$8.50 per \$100; single copy, 10c. ● Item 504 HE 20.2302: T 69
- 14951 United States immunization survey, 1969 [with list of references; prepared by Immunization Branch, State and Community Services Division]. [Feb. 1970.] [2]+52 p. 4° [Prepared in cooperation with Demographic Surveys Division, Bureau of Census.] † L.C. card 75-608144 HE 20.2314: 969

## NATIONAL CREDIT UNION ADMINISTRATION 1325 K St. N.W., Washington, DC 20256

NOTE.—The National Credit Union Administration was established by Public law 91-206, approved Mar. 10, 1970.

- 14952 1969 annual report of Federal credit union program. [1970.] [5]+111 p. il. 4 [Text on p. 2 of cover.] † ● Item 525 NCU 1.1: 969

## NATIONAL EYE INSTITUTE, Health, Education, and Welfare Dept. Bethesda, MD 20014

- 14953 1969 conference of Model Reporting Area for Blindness, proceedings, May 22-23, 1969, Bethesda, Md. [papers, with lists of references]. [1970.] viii+96 p. il. \* Paper, 50c. ● Item 507-Y HE 20.3759/2: 969

## NATIONAL GUARD BUREAU, Defense Dept. Washington, DC 20310

- 14954 Annual report, chief, National Guard Bureau, fiscal year 1969. [1970.] 96 p. il. 4° † L.C. card 30-5138 D 12.1: 969
- NGB pamphlet.
- 14955 44-6. Announcement of winners, Eisenhower trophy [calendar year 1969]. [July 1, 1970.] cover title, 4+[1] p. 4° (Departments of Army and Air Force.) [Issued with perforations. Supersedes NGB pam 44-6, Sept. 15, 1969.] † ● Item 358 D 12.8: 44-6/7
- 14956 Official Army National Guard register, 1970; Jan. 1, 1970. 1970. xiv+346 p. +[2] leaves, 4° † ● Item 358-A D 12.9: 970

## NATIONAL HIGHWAY SAFETY BUREAU, Transportation Dept. Washington, DC 20591

NOTE.—As a result of reorganization within the Department of Transportation effective Mar. 22, 1970 the National Highway Safety Bureau has been removed from the Federal Highway Administration and established as a separate operating administration within the Department of Transportation.

- 14957 Alcohol safety countermeasures program. June 8, 1970. [113] p. il. 4° † ● Item 982-D-1 TD 8.2: A1 1
- L.C. card 73-607988
- 14958 Basic training program for emergency medical technician-ambulance, instructor's lesson plans [with list of references; prepared by Dunlap & Associates, Inc., Darien, Conn.]. Feb. 1970. [262] p. 4° [Prepared under contract FH-11-6967 entitled Emergency medical service, entrance level training. Issued in looseleaf form.] \* Paper, \$2.50. ● Item 982-D-3 TD 2.208: Em 3/3
- 14959 Federal motor vehicle safety standards and regulations, supp. 2, May 1970. [1970.] [36] p. 4° \* Paper, \$8.00 (including basic manual and supplementary material for an indefinite period); \$2.00 additional for foreign mailing. ● Item 982-D-3 TD 2.206: M 85/969-2/supp.2

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

- 14960 Highway safety literature, annual indexes to issues 69-1 thru 69-50, Jan.-Dec. 1969. [1970] cover title, v+188 p. 4° [Includes Personal author index, Corporate author index, Subject (search term) index.] †  
● Item 982-D-4  
L.C. card 70-604109 TD 8.10/2: 69-1 thru 69-50
- Multidisciplinary accident investigation, case DOT HS (series).  
L.C. card 70-608959 TD 8.11: (nos.)
- 14961 600 001. Case 51-53. Three vehicle intersection collision-rollover, fire; prepared by University of Rochester, Rochester, N.Y. May 1970. cover title, 41 p. il. 4° ♦ Paper, \$3.00 (PB 190 326).
- 14962 600 004. Case 4. Three car rear end collision; prepared by Ohio State University [Highway Accident Research Group] Columbus, Ohio, May 1970. cover title, [4] + [24] + 30 p. il. 4° [Includes copyright material.] ♦ Paper, \$3.00 (PB 190 320).
- 14963 600 010. Case 7. Truck-car intersection collision; prepared by Research Triangle Institute, Durham, N.C. May 1970. cover title, [50] p. il. 4° [Includes copyright material.] ♦ Paper, \$3.00 (PB 190 335).
- 14964 600 016. Case 4. Two-car intersection collision; prepared by Research Triangle Institute, Durham, N.C. May 1970. cover title, [50] p. il. 4° [Includes copyright material.] ♦ Paper, \$3.00 (PB 190 341).
- 14965 600 028. Case 10. Head on collision; prepared by Ohio State University, Columbus, Ohio, May 1970. cover title, 39 p. il. 4° [Includes copyright material.] ♦ Paper, \$3.00 (PB 190 511).
- 14966 600 031. Case 604-69. Two vehicle intersection collision; prepared by [James T. Weston] University of Utah, Salt Lake, Utah, May 1970. cover title, 63 p. il. 4° [Contract FH-11-7221. Includes copyright material.] ♦ Paper, \$3.00 (PB 190 514).
- 14967 600 033. Case 6904. Pickup truck-fixed object impact; prepared by [J. Robert Cromack], Southwest Research Institute, San Antonio, Tex. May 1970. cover title, 77 p. il. 4° [Contract FH-11-7219. Includes copyright material.] ♦ Paper, \$3.00 (PB 190 516).
- 14968 600 034. Case 003-69. Car-off road, rollover; prepared by University of Utah, Salt Lake City, Utah, May 1970. cover title, [93] p. il. 4° ♦ Paper, \$3.00 (PB 190 517).
- 14969 600 040. Case UC852D. Train versus automobile collision at intersection/railroad crossing; prepared by University of California, Los Angeles, Calif. May 1970. cover title, 59 p. il. 4° [Contract FH-11-6690. Includes copyright material.] ♦ Paper, \$3.00 (PB 190 724).
- 14970 600 042. Case UC1143D. Vehicle impact with fixed object; prepared by University of California, Los Angeles, Calif. May 1970. cover title, 54 p. il. 4° [Contract FH-11-6690. Includes copyright material.] ♦ Paper, \$3.00 (PB 190 726).
- 14971 600 043. Case UC1146D. Vehicle impact with fixed object; prepared by University of California, Los Angeles, Calif. May 1970. cover title, 61 p. il. 4° [Contract FH-11-6690. Includes copyright material.] ♦ Paper, \$3.00 (PB 190 727).
- 14972 600 044. Case UC11 77D. Vehicle impact with fixed object; prepared by University of California, Los Angeles, Calif. May 1970. cover title, 52 p. il. 4° [Contract FH-11-6690. Includes copyright material.] ♦ Paper, \$3.00 (PB 190 728).
- 14973 600 046. Case MVD-21. Car/train collision; [prepared by John R. Finch, James P. Smith] Baylor College of Medicine, Houston, Tex. May 1970. cover title, [45] p. il. 4° [Contract FH-11-7254. Includes copyright material.] ♦ Paper, \$3.00 (PB 190 730).
- 14974 600 047. Case MVD-20. Three vehicle intersection collision; [prepared by John R. Finch, James P. Smith] Baylor College of Medicine, Houston, Tex. May 1970. cover title, [54] p. il. 4° [Contract FH-11-7254. Includes copyright material.] ♦ Paper, \$3.00 (PB 190 731).
- 14975 600 048. Case 005-69. Single vehicle rollover; prepared by University of Utah, Salt Lake City, Utah, May 1970. cover title, [94] p. il. 4° ♦ Paper, \$3.00 (PB 190 732).
- 14976 600 049. Case 6970 01. T-intersection collision, prepared by University of Miami, Coral Gables, Fla. May 1970. cover title, [37] p. 4° ♦ Paper, \$3.00 (PB 190 733).
- 14977 600 051. Case MVD-23. Rear end collision; prepared by [John R. Finch and James P. Smith], Baylor College of Medicine, Houston, Tex. May 1970. cover title, [48] p. il. 4° [Contract FH-11-7254. Includes copyright material.] ♦ Paper, \$3.00 (PB 190 735).
- 14978 600 056. Case MCR-69-O. Tire explosion; prepared by Indiana University, Bloomington, Ind. May 1970. cover title, [46] p. il. 4° [Contract FH-11-7244.] ♦ Paper, \$3.00 (PB 190 740).
- 14979 600 057. Case MVD-22. Two vehicle intersection collision; prepared by [John R. Finch and James P. Smith], Baylor College of Medicine, Houston, Tex. May 1970. cover title, [48] p. il. 4° [Contract FH-11-7254. Includes copyright material.] ♦ Paper, \$3.00 (PB 190 741).
- 14980 600 059. Case 69-9. Head on collision; prepared by Boston University, Boston, Mass. May 1970. cover title, [3] + 3 + 65 p. il. 4° [Contract FH-11-6795.] ♦ Paper, \$3.00 (PB 190 743).

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 14981 600 062. Case 50, Median crossover, multi vehicle collision; prepared by Georgia Institute of Technology, Atlanta, Ga. May 1970. cover title, [57] p. il. 4° [Includes copyright material.] ♣ Paper, \$3.00 (PB 190 746).
- 14982 600 065. Case 8, Train to car collision; prepared by Research Triangle Institute, Durham, N.C. May 1970. cover title, [57] p. il. 4° [Contract FH-11-7215. Includes copyright material.] ♣ Paper, \$3.00 (PB 190 749).
- 14983 600 066. Case MCR-69-3, Fixed object impact; prepared by Indiana University, Bloomington, Ind. May 1970. cover title, [100] p. il. 4° [Contract FH-11-7244. Includes copyright material.] ♣ Paper, \$3.00. (PB 190 750).
- 14984 600 050. Case MVD-27, Read end collision; prepared by [John R. Finch and James P. Smith], Baylor College of Medicine, Houston, Tex. June 1970. cover title, 46 p. il. 4° [Contract FH-11-7254. Includes copyright material.] ♣ Paper, \$3.00.
- 14985 600 081. Case MVD-29, Intersection collision; prepared by [John R. Finch and James P. Smith], Baylor College of Medicine, Houston, Tex. June 1970. cover title, 46 p. il. 4° [Contract FH-11-7254. Includes copyright material.] ♣ Paper, \$3.00.
- 14986 600 082. Case MVD-30, Car/parked car—rear end/front end collision; prepared by [John R. Finch and James P. Smith], Baylor College of Medicine, Houston, Tex. June 1970. cover title, 52 p. il. 4° [Contract FH-11-7254. Includes copyright material.] ♣ Paper, \$3.00.
- 14987 600 086. Case MCR-69-4, Car/trees, rollover; prepared by Indiana University, Bloomington, Ind. June 1970. cover title, 85 p. il. 4° [Contract FH-11-7244. Includes copyright material.] ♣ Paper, \$3.00.
- 14988 600 094. Case UNM 03, Two car intersection rollover; prepared by University of New Mexico, Albuquerque, N. Mex. June 1970. cover title, 58 p. il. 4° [Contract FH-11-7216. Includes copyright material.] ♣ Paper, \$3.00.
- 14989 600 095. Case UNM 04, Car/truck collision, fire; prepared by University of New Mexico, Albuquerque, N. Mex. June 1970. cover title, 58 p. il. 4° [Contract FH-11-7216. Includes copyright material.] ♣ Paper, \$3.00.
- 14990 600 096. Case UNM 06, Rear end collision; prepared by University of New Mexico, Albuquerque, N. Mex. June 1970. cover title, 58 p. il. 4° [Contract FH-11-7216. Includes copyright material.] ♣ Paper, \$3.00.
- 14991 600 097. Case UNM 07, Single vehicle, penetration of guardrail; prepared by University of New Mexico, Albuquerque, N. Mex. [May 1970.] cover title, 55 p. il. 4° [Contract FH-11-7216. Includes copyright material.] ♣ Paper, \$3.00.
- 14992 600 119. Case 009-69, Two-car collision, icy pavement; prepared by [James T. Weston] University of Utah, Salt Lake City, Utah. June 1970. cover title, 149 p. il. 4° [Includes copyright material.] ♣ Paper, \$3.00.
- 14993 600 121. Case MVD-1, Auto/auto/auto; prepared by [John R. Finch and James P. Smith], Baylor College of Medicine, Houston, Tex. July 1970. cover title, 49 p. il. 4° [Contract FH-11-7254. Includes copyright material.] ♣ Paper, \$3.00.
- 14994 600 123. Case MVD-3, Car-turnover; prepared by [John R. Finch and James P. Smith], Baylor College of Medicine, Houston, Tex. July 1970. cover title, 51 p. il. 4° [Contract FH-11-7254. Includes copyright material.] ♣ Paper, \$3.00.
- 14995 600 128. Case MVD-8, Car/car-front/side; prepared by [John R. Finch and James P. Smith], Baylor College of Medicine, Houston, Tex. July 1970. cover title, 44 p. il. 4° [Contract FH-11-7254. Includes copyright material.] ♣ Paper, \$3.00.
- 14996 600 129. Case MVD-9, Car/car-front/side; prepared by [John R. Finch and James P. Smith], Baylor College of Medicine, Houston, Tex. July 1970. cover title, 40 p. il. 4° [Contract FH-11-7254. Includes copyright material.] ♣ Paper, \$3.00.
- 14997 600 133. Case MVD-13, Car/car-2 fixed objected-front/side; prepared by [John R. Finch and James P. Smith] Baylor College of Medicine, Houston, Tex. July 1970. cover title, 48 p. il. 4° [Contract FH-11-7254. Includes copyright material.] ♣ Paper, \$3.00.
- 14998 600 137. Case MVD-17, Car/car-front/side; prepared by [John R. Finch and James P. Smith] Baylor College of Medicine, Houston, Tex. July 1970. cover title, 43 p. il. 4° [Contract FH-11-7254. Includes copyright material.] ♣ Paper, \$3.00.
- 14999 600 138. Case MVD-18, Single car-fixed object; prepared by [John R. Finch and James P. Smith] Baylor College of Medicine, Houston, Tex. July 1970. 86 p. il. 4° [Contract FH-11-7254. Includes copyright material.] ♣ Paper, \$3.00.
- 15000 600 139. Case MVD-19, Auto/auto-frontend/left side; prepared by [John R. Finch and James P. Smith] Baylor College of Medicine, Houston, Tex. July 1970. 46 p. il. 4° [Contract FH-11-7254. Includes copyright material.] ♣ Paper, \$3.00.
- 15001 600 140. Case MVD-28, Auto/auto; prepared by [John R. Finch] Baylor College of Medicine, Houston, Tex. July 1970. cover title, 45 p. il. 4° [Contract FH-11-7254. Includes copyright material.] ♣ Paper, \$3.00.
- 15002 600 144. Case 69-30, Car/tree; prepared by Boston University, Boston, Mass. July 1970. cover title, iv+44 p. il. 4° [Contract FH-11-7402.] ♣ Paper, \$3.00.
- 15003 600 147. Case 69, Fixed object impact; prepared by Georgia Institute of Technology, Atlanta, Ga. July 1970. cover title, 3-42 p. il. 4° [Includes copyright material.] ♣ Paper, \$3.00.

♣For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## Multidisciplinary accident investigations—Continued

- 15004 600 150. Case 09, Car/horse fatality; prepared by New Mexico Accident Investigation Program, Albuquerque, N. Mex. July 1970. cover title, 56 p. il. 4° [Contract FH-11-7216. Includes copyright material.] ♦ Paper, \$3.00.
- 15005 600 165. Case 006-69, Multiple vehicle collision, fixed object impact; prepared by Utah Auto Crash Research Team, Utah Station Division of Health, July 1970. cover title, 160 p. il. 4° [Includes copyright material.] ♦ Paper, \$3.00.

## NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES, Health, Education, and Welfare Dept., Bethesda, MD 20014

- 15006 Bacteria, the littlest cells. [1970.] [20] p. il. \* Paper, \$22.50 per 100; single copy 30c. ● Item 505-A-1 HE 20.3252: B 13

## NATIONAL INSTITUTE OF ARTHRITIS AND METABOLIC DISEASES, Health, Education, and Welfare Dept., Bethesda, MD 20014

- 15007 Progress in methods of bone mineral measurement, conference held at Bethesda, Md., Feb. 15-17, 1968 sponsored by National Institute of Arthritis and Metabolic Diseases [with lists of references]. [1970.] vii + 579 p. il. 4° \* Paper, \$4.00. ● Item 507-A-25 L.C. card 71-608624 HE 20.3302: B 64
- 15008 3d annual contractors' conference of artificial kidney program of National Institute of Arthritis and Metabolic Diseases, proceedings, Bethesda, Md., Jan. 14-16, 1970 [with lists of references]; edited by Keatha K. Krueger. [1970.] [7] + 216 p. il. 4° † ● Item 506-A-6 L.C. card 68-62757 HE 20.3314: 970

## NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT, Health, Education, and Welfare Dept. Bethesda, MD 20014

- 15009 Population research, 1968, report no. 2, Dec. 1969. [1970.] [232] p. 4° (NICHD-CSR-68; Scientific Information Centers Branch.) [Text on p. 2 of cover.] † ● Item 506-A-4 L.C. card 70-601848 HE 20.3362: 2

## NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES, Health, Education, and Welfare Dept., Bethesda, MD 20014

- 15010 Man's health and the environment, some research needs, report of Task Force on Research Planning in Environmental Health Science [with lists of references]. [1970.] xix + 258 p. \* Paper, \$1.25. ● Item 507-P-1 L.C. card 78-608623 HE 20.3553: M 31

## NATIONAL INSTITUTE OF MENTAL HEALTH, Health, Education, and Welfare Dept., Chevy Chase, MD 20015

- 15011 Brother . . . don't pass it on [colored poster]. [1969.] 14 x 19.5 in. [Drug abuse warning.] \* Paper, \$11.25 per 100; single copy 15c. HE 20.2421: B 79
- 15012 Careers in psychiatry. [1970.] 2 p. il. narrow f° folded into oblong 48° size, [Public Health Service publication 2081.] † ● Item 507-B-5 HE 20.2402: P 95/2
- 15013 Coping and adaptation, behavioral sciences bibliography; edited by George V. Coelho [and others]. [1970.] vii + 231 p. 4° ([Public Health Service publication 2087; National Clearinghouse for Mental Health Information.]) \* Paper, \$1.75. ● Item 507-B-9 L.C. card 75-608850 HE 20.2417: C 79
- 15014 Don't blow it with drugs [colored poster]. [1970.] 23 x 15 in. \* Paper, \$11.25 per 100; single copy 15c. HE 20.2421: D 84
- 15015 Hashishpot, acid, speed barbiturates, LSD, will they turn you on or will they turn you on you [colored poster]. 1970. 28 x 22 in. \* Paper, \$15.00 per 100; single copy, 20c. HE 20.2421: W 66

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 15016 John was OK . . . until his momma caught him, now he can't go home any-  
more [colored poster]. [1970.] 17.7 x 15.5 in. [Drug abuse warning.]  
\* Paper, \$11.25 per 100; single copy 15c. HE 20.2421: J 61

Mental health statistics: Series B, Analytical and special study reports.  
([National Clearinghouse for Mental Health Information.])

- 15017 2. Staffing patterns in mental health facilities, 1968: [by Donald R. Jones,  
Carolynne Seeman, and Carl Taube]. [1970.] vi+128 p. 4° ([National  
Clearinghouse for Mental Health Information publication 5034.]) [In-  
cludes list of related reports.] \* Paper, \$1.25. ● Item 491-A  
L.C. card 70-608917 HE 20.2415: B/2

- 15018 Miseria [drug addiction, colored poster]. [1970.] 11 x 21 in. \* Paper,  
\$11.25 per 100; single copy 15c. HE 20.2421: M 68

- 15019 Slavery [to drugs, colored poster]. [1970.] 11 x 21 in. [Black version.]  
\* Paper, \$11.25 per 100; single copy 15c. HE 20.2421: S1 1

- 15020 Slavery [to drugs, colored poster]. [1970.] 11 x 21 in. [White version.]  
\* Paper, \$11.25 per 100; single copy, 15c. HE 20.2421: S1 1/2

## NATIONAL INSTITUTE OF NEUROLOGICAL DISEASES AND STROKE, Health, Education, and Welfare Dept., Bethesda, MD 20014

- 15021 Neurological and sensory disabilities, estimated numbers and cost; [pre-  
pared by Information Office]. [Revised 1970.] [1970.] [2] p. il. oblong 8°  
folded into narrow 8° size. ([Public Health Service publication 1427.])  
\* Paper, \$5.50 per 100; single copy 10c. ● Item 507-L-2  
HE 20.3502: N 39

## NATIONAL LABOR RELATIONS BOARD Washington, DC 20570

- 15022 Digest of decisions of National Labor Relations Board, annual supplement,  
July 1, 1968-June 30, 1969; [by Board's Legal Research and Special  
Projects Branch]. [1970.] iv+60+919 p. \* Paper, \$4.00. ● Item 826  
L.C. card 46-27613 LR 1.8/3: 968-69

## NATIONAL LIBRARY OF MEDICINE, Health, Education, and Welfare Dept., Bethesda, MD 20014

- 15023 Guide to MEDLARS services. [Revised July 1970.] [1970.] iii+21+[11] p.  
4° ([Public Health Service publication 1694.]) ‡ ● Item 508-K  
L.C. card 78-605061 HE 20.3608: M 46/970-2

## NATIONAL PARK SERVICE, Interior Dept. Washington, DC 20242

- 15024 Baker Ranch, history, Glen Canyon National Recreation Area, Arizona-  
Utah [with bibliography]; by Lenard E. Brown. Jan. 1, 1970. [1]+iv  
+44 leaves, 19 pl., 2 maps, 4° (Division of History, Office of Archeology  
and Historic Preservation.) ‡  
L.C. card 78-608859 I 29.2: B 17

- 15025 Continental Congress in New York City hall, 1785-88, background and  
evaluation study; by John D. R. Platt. May 1969. [1]+ii+55 leaves, 4°  
(Office of Archeology and Historic Preservation.) ‡  
L.C. card 72-608879 I 29.2: C 76/3

- 15026 Franklin Park, Washington, D.C. [with bibliography]; by George J.  
Olaszewski. Mar. 1970. [2]+v+53 leaves, il. 25 pl. 4° (Office of History  
and Historic Architecture, Eastern Service Center.) ‡  
L.C. card 78-608903 I 29.2: F 85

- 15027 Furnishing plan for Badlands ranch house, Theodore Roosevelt National  
Memorial Park, N. Dak. [with bibliography]. Oct. 31, 1969. [1]+vi+75  
leaves, 12 p. of pl. 4° (Division of History, Office of Archeology and  
Historic Preservation.) ‡  
L.C. card 70-608873 I 29.2: B 14/2

☛For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

Page 107

# GOVERNMENT PUBLICATIONS

## Historic American Buildings Survey selections.

- 15028 2. Georgetown commercial architecture, M street, northwest Washington, District of Columbia. Feb. 1967. 130 leaves il. 4° [Issued jointly by Commission of Fine Arts and Historic American Buildings Survey, Washington Planning and Service Center.] ‡  
L.C. card 68-60362 I 29.74: G 29/7
- 15029 10. Georgetown architecture, northwest Washington, District of Columbia. 1970. xxvii+291 p. il. 4° [Issued jointly by Commission of Fine Arts and Historic American Buildings Survey, Office of Archaeology and Historic Preservation.] ‡ ● Item 648-B  
L.C. card 75-608956 I 29.74: G 29/6
- 15030 Historic structures report, pt. 2: Ansley Wilcox House N.H.S. [National Historic Site]; by William O. Shelgrin and Walter S. Dunn, jr.; edited by Norman M. Souder. Nov. 1969. [4]+26+[1] p. 56 pl. 4° (Office of Archeology and Historic Preservation.) ‡  
L.C. card 79-608835 I 29.2: An 8
- 15031 Historical base map and documented narrative, 1869, Golden Spike National Historic Site, Utah; by F. A. Ketterson, jr. Sept. 10, 1969. [2]+ii+19 leaves 19 pl. and 6 p. of maps 4° (Office of Archaeology and Historic Preservation.) ‡  
L.C. card 73-608820 I 29.2: G 56 s/869
- 15032 Interpretive concept, Red Bluff Recreation Area; conceived and written by George B. Robinson. [1970.] [7]+49+[1] p. 11 p. of pl. 4° [Designed and illustrated by Joseph H. Rockwell.] ‡  
L.C. card 75-608921 I 29.2: R 24/6
- 15033 Living history in national park system. [1970.] cover title, 20 p. il. narrow 8° \* Paper, 30c. ● Item 648  
L.C. card 76-608908 I 29.2: L 76

## NATIONAL SCIENCE FOUNDATION Washington, DC 20550

- 15034 Science resources studies highlights: Federal funds for R&D continue to remain level. Aug. 14, 1970. 4 p. il. 4° (NSF 70-28.) ‡ NS 1.31: F 31
- 15035 — Federal support to universities and colleges, fiscal year, 1969; [Prepared in Analytical Studies Group, Office of Economic and Manpower Studies.] Aug. 11, 1970. 4 p. 4° (NSF 70-26.) ‡ NS 1.31: Un 3/969

## NATIONAL TRANSPORTATION SAFETY BOARD, Transportation Dept., Washington, DC 20590

- Aircraft accident report. (Bureau of Aviation Safety.) ● Paper, \$12.00 a yr. \$3.00 additional for foreign mailing.
- 15036 Cessna 310N, N4111Q, near Upland, Calif., Apr. 12, 1969; adopted June 25, 1970. [1970.] [3]+15 p.+[2] leaves, 1 pl. 4° (SA-407; file 3-3000: Report NTSB-AAR-70-13.) ● Paper, \$3.00. TD 1.112: Up 4
- 15037 Japan Air Lines Company, Ltd., Convair 440, model 22M, JA8028, Grant County Airport, Moses Lake, Wash., June 24, 1969; adopted June 17, 1970. [1970.] [3]+20+[8] p. 4° (SA-none; file A-0004; Report no. NTSB-AAR-70-11.) ● Paper, \$3.00. TD 1.112: M 85
- 15038 Mohawk Airlines, Inc., Fairchild Hiller FH-227B, N7811M near Glens Falls, N.Y., Nov. 19, 1969; adopted June 25, 1970. [1970.] [3]+21+[15] p. il. 4° (SA-none; file 1-0026; report NTSB-AAR-70-12.) ● Paper, \$3.00. TD 1.112: G 48f
- 15039 Scandinavian Airlines System, McDonnell-Douglas DC-8-62, LN-MOO (Norwegian Registry) in Santa Monica Bay, near Los Angeles, Calif., Jan. 13, 1969; adopted July 1, 1970. [1970.] [3]+35 p. 4° (SA-none; file B-0001; report NTSB-AAR-70-14.) ● Paper, \$3.00. TD 1.112: Sa 5 m
- 15040 Pipeline accident report: Low pressure natural gas distribution system, Gary, Ind. Dec. 4, 1969. [1]+ii+[2]+74 p. il. 4° ‡ National Transportation Safety Board, Att.: Publications Section, Washington, DC 20591  
TD 1.118: G 21
- 15041 Remarks of Isabel A. Burgess, Member, National Transportation Safety Board, before Lawyer-Pilots Bar Association, Lake of Ozarks, Mo., Aug. 15, 1970. [1970.] [1]+9 p. 4° ‡ TD 1.110: B 91/3

\*For Sale by Superintendent of Documents  
‡Distribution Made by Issuing Office  
‡Official Use. Not Available

# OCTOBER 1970

- 15042 Safety trends for the seventies, address by John H. Reed, Chairman, National Transportation Safety Board before American Trucking Association Inc., 1969 Newspaper safety writing competition awards, Washington, D.C., Apr. 9, 1970. [1970.] [1]+10 p. 4° † TD 1.110: R 25/13
- 15043 Special study: Roles of General Services Administration and Department of Transportation in motor vehicle safety standards, special study, adopted June 3, 1970. [1970.] iii+22 p. 4° (Surface Transportation Safety Bureau.) ♦ Paper, \$3.00. TD 1.102: G 28

## NAVAL OCEANOGRAPHIC OFFICE, Defense Dept. Washington, DC 20390

- Informal report IR (series). ‡ D 203.26/2:(nos.)
- 15044 69-94. Upper and deep sound channel in Northeast Atlantic [with bibliography; by Don F. Fenner, and Paul J. Bucca]. [Dec. 1969.] cover title, viii +29+[16] p. il. 4°
- 15045 70-9. Oceanographic cruise summary Panama City, Fla., July and Aug., 1969 [with bibliography; by Kenneth B. Peery]. Mar. 1970. cover title, [3] +17+[2] p. il. 4° ([Project 774-KC-FFN 102/04/FABAF.] )
- 15046 70-13. Acoustic sea bed reflectivity from a submersible [with list of references; by Kenneth R. Haigh]. Mar. 1970. cover title, ii+21 leaves+[2] p. il. 4° ([Project 717.] )
- National Oceanographic Instrumentation Center instrument fact sheet IFS (series). ‡ D 203.32/2:(nos.)
- 15047 70013. Index. Apr. 1970. 8 p. 4° [Issued with perforations.]
- 15048 70014. Model OBR-19T, oceanographic survey recorder. Apr. 1970. 6 p. il. 4° (Ocean Sonics, Inc., El Segundo, Calif.) [Includes comment sheet. Issued with perforations.]
- 15049 71001. Model R87-B portable induction salinometer. July 1970. 8 p. il. 4° (Beckman Instruments Inc., Cedar Grove, N.J.) [Issued with perforations. Includes comment sheet.]
- 15050 71002. Model GDR-1C-19-T Gift depth recorder. July 1970. 6 p. il. 4° (Dillingham Corporation, Hydro Products, San Diego, Calif.) [Issued with perforations. Includes comment sheet.]

## Publications.

D 203.22:(nos.)

- 15051 1-N. Catalog of nautical charts and publications, region 2, Central and South America and Antarctica. 8th ed., Oct. 1969. [1970.] [8]+24 p. il. 8° [Accompanied by sheet of Corrections affecting this publication.] † Paper, 25c. L.C. card 62-64948
- 15052 80. Change 12, July 11, 1970, loose leaf change pages for correcting sailing directions for Pacific Islands, v. 3, 6th edition, 1952. [1970.] [309] p. il. 4° [Formerly no. 166. Includes list of effective pages.] † Paper, \$1.75. ● Item 378 (Rev. 1957)
- 15053 112. Change 23, July 18, 1970, List of lights and fog signals, western Pacific and Indian Oceans including Persian Gulf and Red Sea. [1970.] [126] p. 4° [Includes list of effective pages and Notice to mariners 29, 1970. Issued in looseleaf form.] † Paper, 50c. ● Item 378 (Rev. 1957)
- 15054 115. Change 18, Aug. 1, 1970, List of lights and fog signals, Norway, Iceland and Arctic Ocean. [1970.] [124] p. 4° [Includes list of effective pages, and Notice to mariners 31, 1970. Issued in looseleaf form.] † Paper, 50c. ● Item 378 (Rev. 1957)
- 15055 5192. Standard time zone chart of the world [colored]. Scale 1:39,000.00 at Equator, Mercator projection. 21st edition, Oct. 1968. Revised [June 1, 1970]. [1970.] 36 x 54 in. \* Paper, \$1.00.

## NAVAL OPERATIONS OFFICE, Defense Dept. Washington, DC 20390

- 15056 Survey of procurement statistics. Mar. 1970. cover title, [1]+32 p. il. 4° (NAVMAT P-4200: Headquarters Naval Materiel Command.) [Table of contents on p. 2 of cover.] ‡ L.C. card 71-600232 D 207.2: P 94

## NAVAL PERSONNEL BUREAU, Defense Dept. Washington, DC 20390

- 15057 Guide for professional reading for officers of Navy and Marine Corps; compiled by Naval War College, Newport, R.I. 21st edition. 1970. [2]+v+31 p. 4° (NAVPERS 92356-J.) † ● Item 401-A L.C. card 61-61559 D 208.15: P 94/970

♦For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

Page 109

# GOVERNMENT PUBLICATIONS

- 15058 Gunner's mate G 3 & 2; [prepared by Training Publications Division, Naval Personnel Program Support Activity]. [1st edition, 1964, 1970 edition.] [1970.] cover title, iii+598 p. il. 4° (Rate training manual; NAVPERS 10185-A.) ‡ • Item 404 D 208.11: G 95/4/970  
L.C. card 70-608610
- 15059 Navy chaplains bulletin, Summer 1970; [prepared by Chaplains Division]. [1970.] cover title, 32 p. il. 4° [Special issue. Text and other illustrations on p. 2-4 of cover. Some illustrations are colored.] ‡ • Special offer D 208.3/2: 970

## NAVAL RESEARCH OFFICE, Defense Dept. Washington, DC 20390

- NRL reports. (Naval Research Laboratory.) D 210.8: (nos.)
- 15060 6930. Guide to basic pulse-radar maximum-range calculation: pt. 1, Equations, definitions and aids to calculation [with list of references: by] L. V. Blake, Dec. 23, 1969, cover title, iv+153 p. il. 4° ([NRL problem R02-55.101; project RF 05-151-402-4011.]) [Errata, 1 p. oblong small 4° issued also, 2d edition of NRL report 5868, Pt. 2 has been completed and has been assigned NRL report no. 7010.] ‡ Paper, \$3.00 (AD 191348).
- 15061 6948. Procedures for analysis of metals, alloys, and other materials of research: pt. 4, Spectrophotometric procedures for determination of ions formed within stress-corrosion cracks, by O. R. Gates, Oct. 7, 1969, Change 1, Dec. 15, 1969, 1 p. oblong 48° ‡
- 15062 6955. Angular scattering functions for spherical water droplets [with list of references: by] H. B. Howell, Oct. 8, 1969, cover title, ii+114 p. il. 4° ([NRL problem A03-14, project A37540/652/69 RR 004-02-01.]) ‡ Paper, \$3.00 (AD 698492).
- 15063 6961. Fast, flexible, highly parallel associative processor; [by] John E. Shore and Frank A. Polkingham, Jr. Nov. 28, 1969, cover title, iv+46 p. il. 4° ([NRL problem R06-41, project NavAir system A 37-533-000/6521/WF08-151-702.]) ‡ Paper, \$3.00 (AD 702594).
- 15064 6975. Dynamic tear energy, practical performance criterion for fracture resistance [with list of references: by] E. A. Lange and F. J. Loss, Nov. 17, 1970, cover title, ii+18 p. il. 4° ([NRL problem M01-25, projects RR 007-01-46-5432, SF 51-541-012-14628, and DSSP S-4607-11894.]) ‡ Paper, \$3.00 (AD 699143).
- 15065 6976. Desorption of CO<sub>2</sub> from three-component solution [with list of references: by] S. T. Gadomski and R. R. Miller, Dec. 8, 1969, cover title ii+14 p. il. 4° ([NRL problem C08-05, project SF 35433002-13214.]) ‡ Paper, \$3.00 (AD 699151).
- 15066 6986. Proceedings of 3d symposium, 1969 spring superconducting symposia, sponsored by Office of Naval Research and Naval Research Laboratory [with lists of references]; edited by Robert A. Hein, May 16, 1969, cover title, iv+48 p. il. 4° ([NRL problem P05-02B.]) ‡ Paper, \$3.00 (AD 700656).
- 15067 6987. Stress intensity and crack-opening displacement for coplanar cracks in thermoelasticity [with list of references: by] W. S. Fu, [Feb. 25, 1970, cover title, ii+18 p. 4° ([NRL problem F01-03, project RR 009-03-45-5450.]) ‡ Paper, \$3.00 (AD 704071).
- 15068 6990. On class of meromorphic functions and their derivatives [with list of references: by] Chung-chun Yang, Jan. 16, 1970, cover title, 4 p. 4° ([NRL problem B01-11, project RR 003-02-41-6153.], Mathematics Research Center report 70-2.) ‡ Paper, \$3.00 (AD 708375).
- 15069 6997. Trimmed-mean detector for noncoherent distributions [with list of references: by] G. V. Trunk, Dec. 11, 1969, cover title, ii+14 p. il. 4° ([NRL problem R02-54, project RF 05-151-402-4010.]) ‡ Paper, \$3.00 (AD 699150).
- 15070 7003. CDC 3800 computer program to calculate and plot compressibility, modulus of compressibility, and perpendicular component of molecular dipole moment of films spread on liquid surfaces; [by] Laura A. Halper, Dec. 31, 1969, cover title, i+6 p. 4° ([NRL problem C 02-10, project RR 001-01-43-4751.]) ‡ Paper, \$3.00 (AD 700658).
- 15071 7023. Proceedings of 4th symposium, 1969 spring superconducting symposia; sponsored by Office of Naval Research and Naval Research Laboratory, June 6, 1969, vi+54 p. il. 4° ([NRL problem P05-02B.]) [Text on p. 2 of cover.] ‡ Paper, \$3.00 (AD 705998).
- 15072 7025. Cross-sectional plots of plane intersections, adaptation of APT system [with lists of references: by] Kingsley P. Thompson, Jan. 27, 1970, cover title, ii+68 p. il. 4° ([NRL problem 23Z0001.]) ‡ Paper, \$3.00 (AD 701691).
- 15073 7037. Chemical research in nuclear submarine atmosphere purification, progress report [with lists of references]; edited by V. R. Platt and E. A. Ramskill, June 2, 1970, cover title, ii+58 p. il. 4° ([NRL problem C08-05 and C08-18 projects SF 354-3302, tasks 13213, 13224, and S4632, task 12073.]) ‡ Paper, \$3.00 (AD 709896).

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 15074 7041. FORTRAN program for fast Fourier transform [with list of references; by] James R. Fisher. Apr. 16, 1970. cover title, II+22 p. II. 4° ([NRL problem S01-39, project RF 05-552-403-4069.])  $\Phi$  Paper, \$3.00 (AD 706003)
- 15075 7048. On shape of cable towed in circular path [with list of references; by] Richard A. Skop. Apr. 24, 1970. cover title, II+30 p. II. 4° ([NRL problem FO2-24, project RR-009-03-45-5807.])  $\Phi$  Paper, \$3.00 (AD 706716)
- 15076 7049. Some general properties of class of semilinear hyperbolic systems analogous to differential-integral equations of gas dynamics [with list of references; by] Howard E. Conner. Feb. 25, 1970. cover title, I-14 p. 4° (Mathematics Research Center report 70-4; [NRL problem BO1-11, project RR 003-02-41-6153.])  $\Phi$  Paper, \$3.00 (AD 705999)
- 15077 7056. Dynamic tear test investigations of fracture toughness of thick-section steel [with list of references; by] F. J. Loss. May 14, 1970. cover title, II+52 p. II. 4° ([NRL problem MO1-14, project AEC-S3-Y-80507V; Heavy Section Steel Technology Program technical report] HSSTP-TR-7.) [Text on p. 2 of cover.]  $\Phi$  Paper, \$3.00 (AD 707711)
- 15078 7062. Iodine filter tests at NRL nuclear reactor [with list of references; by] R. H. Vogt [and others]. Apr. 13, 1970. cover title, 8 p. II. 4° ([NRL problem HO1-14, project RR-002-06-41-5855.]) [Text on p. 2 of cover.]  $\Phi$  Paper, \$3.00 (AD 708376)
- 15079 7063. Transient radiation effects on ruby lasers [with list of references; by] R. F. Wenzel, J. J. Halpin and F. J. Campbell. Feb. 20, 1970. cover title, II+94 p. II. 4° ([NRL problem 64E02-05, Defense Atomic Support Agency subtask TA 028.])  $\Phi$  Paper, \$3.00 (AD 704069)
- 15080 7064. Corrosion fatigue crack growth behavior above and below  $K_{sc}$  [with list of references; by] J. P. Gallagher. May 28, 1970. cover title, II+20 p. II. 4° ([NRL problem MO1-08, task RR 007-01-46-5416.])  $\Phi$  Paper, \$3.00 (AD 708377)
- 15081 7071. Methods for calculating and analyzing interrogation repetition frequency sets non-synchronous for a interrogations [with list of references; by] W. K. Gardner. June 11, 1970. cover title, II+42 p. II. 4° ([NRL problem R03-01, project RF-05-151-403-4150.])  $\Phi$  Paper, \$3.00 (AD 709553)
- 15082 7073. Note on van der Waerden's theorem on arithmetic progressions [with list of references; by] J. R. Rabung. Apr. 14, 1970. cover title, 6 p. 4° (Mathematics Research Center report 70-6; [NRL problem BO1-11, project RR 003-02-41-6153.])  $\Phi$  Paper, \$3.00 (AD 705354)
- 15083 7082. Review of microwave switching schemes variable power-division networks using phase shifters [with list of references; by] C. W. Young, Jr. June 23, 1970. cover title, II+26 p. II. 4° ([NRL problem R08-36, project XF 52545-007-8089.])  $\Phi$  Paper, \$3.00 (AD 709442)
- 15084 7085. Welding of ceramics [with list of references; by] Roy W. Rice. July 6, 1970. cover title, II+38 p. II. 4° ([NRL problem C05-28, project RR 007-02-41-5677.])  $\Phi$  Paper, \$3.00 (AD 710359)
- 15085 7086. Iterative technique for reducing sidelobes of circular and cylindrical arrays [with list of references; by] H. P. Coleman. June 22, 1970. cover title, II+14 p. II. 4° ([NRL problem R08-37, project RR 008-05-41-5700.])  $\Phi$  Paper, \$3.00 (AD 710360)
- 15086 7087. NRL-NB-20B, improved instrument ball bearing lubricant [with list of references; by] C. H. Blachly, V. G. FitzSimmons, and H. Ravner. Mar. 6, 1970. cover title, 12 p. 4° ([NRL problem C02-04, projects AIRTASK A32-510/652/70F51-543-203, and ORDTASK 934-023/173-1/UF17-546-401.]) [Text on p. 2 of cover.]  $\Phi$  Paper, \$3.00 (AD 704466)
- 15087 7095. Influence of composition of fracture toughness of commercial nuclear vessel welds [with list of references; by] Lendell E. Steele. June 23, 1970. cover title, II+18 p. II. 4° ([NRL problem MO1-14, projects RR 007-11-41-5409, AEC-AT(49-5)-2110, USA-ERG-11-69.])  $\Phi$  Paper, \$3.00 (AD 709554)
- 15088 7099. Switching inverter with sine-wave output; by J. M. Marzolf. June 3, 1970. cover title, 8 p. II. 4° ([NRL problem E02-06, project A34-536/652/70.]) [Text on p. 2 of cover.]  $\Phi$  Paper, \$3.00 (AD 708378)
- 15089 7100. Zn doping of GaAs films using coevaporation of elements [with list of references; by] W. A. Schmidt and J. E. Davey. Apr. 23, 1970. cover title, II+18 p. II. 4° ([NRL problem R08-44, project MERDC 26-69.])  $\Phi$  Paper, \$3.00 (AD 705468)
- 15090 7103. NRL Microwave Space Research Facility, computer system hardware for data acquisition and control of 60-ft. X-band antenna; [by] C. A. Bass and C. J. Stillings. June 15, 1970. cover title, II+42 p. II. 4° ([NRL problem R01-36, project XF 4822200-116/2116.5.])  $\Phi$  Paper, \$3.00 (AD 709899)
- 15091 7109. Survey on photon activation analysis using NRL Linac; [by] W. L. Bendel and S. K. Namrich. June 29, 1970. cover title, II+20 p. II. 4° ([NRL problem R01-09, project RR 002-06-41-5005.])  $\Phi$  Paper, \$3.00 (AD 709899)
- 15092 7110. NRL Microwave Space Research Facility, operating procedures of computer control system for 60-ft. X-band antenna; [by] C. A. Bass and D. H. Townsend. June 30, 1970. cover title, II+66 p. II. 4° ([NRL problem R01-36, project XF 48222001.])  $\Phi$  Paper, \$3.00 (AD 710368)

$\Phi$ For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

Page 111

## GOVERNMENT PUBLICATIONS

### NRL reports—Continued

- 15093 7111. Fabrication and characterization of hot-pressed  $\text{Al}_2\text{O}_3$  [with list of references; by] Roy W. Rice. July 7, 1970. cover title, ii+28 p. il. 4° ([IERL problem 005-28, project RR 007-02-41-5677.])  $\Phi$  Paper, \$3.00 (AD 709556).
- 15094 7113. Smooth limiting of two signals in narrowband system [with list of references; by] J. S. Lee and J. H. Hughen. July 15, 1970. cover title, ii+22 p. il. 4° ([NRL problem S01-39, project RF-05-121-401-4069.])  $\Phi$  Paper, \$3.00 (AD 710369).
- 15095 7120. Dual-PREF, dual-pulse-length synchronizer for two-frequency Randle Cliff radar; [by] Phillip J. Watkins. July 6, 1970. cover title, ii+20 p. il. 4° ([NRL problem R02-05, project RF 05-151-402-4001.])  $\Phi$  Paper, \$3.00 (AD 709902).
- 15096 7140. Time and frequency transfer via microwave link; [by] D. H. Phillips, R. E. Phillips, and J. J. O'Neill. June 26, 1970. cover title, 18 p. il. 4° ([NRL problem R08-12, project XF 035 32010.])  $\Phi$  Paper, \$3.00 (AD 709443).

### NAVAL SHIP SYSTEMS COMMAND, Defense Dept. Washington, DC 20350

#### Naval Ship Research and Development Center report.

- 15097 3182. Static stresses on wide-bladed propellers [with list of references]; by J. H. McCarthy and J. S. Brock. Feb. 1970. iii+32+2 p. il. 4° ([Sub-project S-R000-01-01, task 103.])  $\ddagger$  D 211.9:3182

### NAVY DEPARTMENT, Defense Dept. Washington, DC 20350

- 15098 Guidebook, special Navy enlisted tours. [1970.] cover title, 96 p. il. oblong 32° ([RAD 6911101.])  $\ddagger$   $\bullet$  Item 370-A D 201.6/12: T 64/970  
L.C. card 73-601925
- 15099 Report of Operation Deep-Freeze 70, [operating season] 1969-70, U.S. Navy task force 43. [May 28, 1970.] cover title, 4+v+76 p. il. 4° ([U.S. Navy Support Force, Antarctica.])  $\ddagger$  D 201.15/2: Op 2/970
- 15100 Safety precautions for shore activities [Apr. 1965; Change 2, Mar. 1970]. [1970.] cover title, [72] p. 4° (NAVMAT P-5100; Headquarters Naval Material Command.) [Formerly NAVSO P-2455.]  $\bullet$  Stiffboard, \$1.75. D 204.6: Sa 1/2/ch.2  
 $\bullet$  Item 378-A

### OIL AND GAS OFFICE, Interior Dept. Washington, DC 20240

- 15101 Estimated international flow of petroleum and tanker utilization, 1969-70. [Apr. 1, 1970.] cover title, [2]+9 leaves, il. map, 4° [Addendum, 1 p. 4°, dated June 1970, issued also. Illustration and map are colored.]  $\ddagger$  I 64.2: P 44/5

### PATENT OFFICE, Commerce Dept. Washington, DC 20231

- 15102 Index of trademarks, issued from Patent Office, 1969. 1970. 327 p. large 8°  $\bullet$  Cloth, \$4.25.  $\bullet$  Item 256 C 21.5/3: 969  
L.C. card 30-26190
- 15103 Manual of patent examining procedure, 3rd edition [Nov. 1961], revision 25. July 1970. [76] p. 4° [Issued in looseleaf form.]  $\bullet$  Paper, \$8.50 (including basic manual and supplementary material for an indefinite period); \$2.50 additional for foreign mailing.  $\bullet$  Item 259 C 21.15: 961/rev.notice 25
- 15104 Text of address by William E. Schuyler, jr., Commissioner of Patents, for delivery before Patent, Trademark and Copyright Section of American Bar Association, St. Louis, Mo., Aug. 8, 1970. 1970. 8 p. 4°  $\ddagger$  C 21.20: Sch 8/6

### PEACE CORPS, State Dept. Washington, DC 20525

- 15105 Peace Corps, bi-annual statistical summary, Dec. 31, 1969. [1969.] cover title, [3]+23 p. 4° (Office of Administration and Finance.)  $\ddagger$  S 19.12/2: 969

$\bullet$ For Sale by Superintendent of Documents  
 $\ddagger$ Distribution Made by Issuing Office  
 $\ddagger$ Official Use. Not Available

OCTOBER 1970

**PERSONNEL OFFICE, Agriculture Dept.  
Washington, DC 20250**

- 15106 Guide to understanding Department of Agriculture. [Revised Aug. 1970.]  
[1970.] cover title, 36 p. il. oblong 12" [Text and another illustration  
on p. 2-4 of cover.] † ● Item 97 A 49.8: Ag 8/970

**POST OFFICE DEPARTMENT  
Washington, DC 20260**

[Commemorative stamp posters.]

NOTE.—Commemorative stamp posters, which will be issued irregularly, are available on a subscription basis from the Superintendent of Documents, \$1.50 a yr.; 50c. additional for foreign mailing.

- 15107 5-cent weather services commemorative postal card, will be first placed on sale Sept. 1, 1970, at Fort Myer, Va. 1970. 10.5 x 8 in. P 1.26/2: W 37  
15108 6 cent Edgar Lee Masters, commemorative postage stamp will be first placed on sale at Petersburg, Ill. Aug. 22, 1970. 10.5 x 8 in. P 1.26/2: M 39  
15109 6-cent South Carolina tricentennial commemorative postage stamp, will be first placed on sale at Charleston, S.C., Sept. 12, 1970. 10.5 x 8 in. P 1.26/2: So 8/2  
15110 6-cent woman suffrage commemorative postage stamp will be first put on sale on Aug. 26, 1970 at Adams, Mass. 1970. 10.5 x 8 in. P 1.26/2: W 84/4  
15111 Moon & man & mail, 1st man on moon, 10c. airmail [stamp]. [1970.]  
[3] p. il. oblong 8" [One illustration is colored.] † ● Item 837 P 1.2: M 77

[Public information PI] (series).

- 15112 4. Standards for United States commemorative postage stamps, Aug. 1970. 16 p. il. 24" † Special Assistant to Postmaster General, U.S. Postal Service, Washington, DC 20260 ● Item 837-B P 1.36/2: 4/3  
15113 Remarks by Postmaster General Winton M. Blount, at National Association of Postal Supervisors Convention, Cincinnati, Ohio, Aug. 21, 1970. 10 leaves, 4" (Information service.) † P 1.27: B 62/7

State postal maps.

- 15114 Iowa, Mar. 1, 1970. Scale 30 m.=2.7 in. [1970.] 22 x 32 in. \* Paper, 35c. P 1.39/2: Io 9/970  
L.C. card 71-653813 P 1.39/2: Io 9/970  
15115 New Hampshire, Vermont, Apr. 1, 1970. Scale 25 m.=3.8 in. [1970.] 32 x 25 in. \* Paper, 35c. P 1.39/2: N 42 h/970  
L.C. card 78-653812 P 1.39/2: W 52 v/970  
15116 West Virginia, Feb. 1, 1970. Scale 30 m.=3.3 in. 22 x 33 in. \* Paper, 35c. P 1.39/2: W 52 v/970  
L.C. card 70-653810 P 1.39/2: W 52 v/970  
15117 Wyoming, Apr. 1, 1970. Scale 50 m.=2.9 in. [1970.] 22 x 32 in. \* Paper, 35c. P 1.39/2: W 99/970  
L.C. card 74-653811

**PRESIDENT OF UNITED STATES  
Washington, DC 20501**

- 15118 Call for cooperation, message to Congress by Richard Nixon, President of the United States. Sept. 1970. [5]+39 p. por. \* Paper, 30c. ● Item 850 Pr 37.2: C 78  
15119 Crimes of violence: v. 11 [with lists of references; prepared by Donald J. Mulvihill, Melvin M. Tumin, and Lynn A. Curtis]. Dec. 1969 [published 1970]. lviii+1-411 p. il. 1 pl. [Staff report submitted to National Commission on Causes & Prevention of Violence. Contains copyright material. Includes chapters 1-6 and appendixes 1-11.] \* Paper, \$1.75. ● Item 851-J Pr 36.8: V 81/C 86/v.11  
L.C. card 76-604085  
15120 — v. 12 [with lists of references; prepared by Donald J. Mulvihill, Melvin M. Tumin and Lynn A. Curtis]. Dec. 1969 [published 1970]. xlvii+413-839+[1] p. il. 3 pl. [Staff report submitted to National Commission on Causes & Prevention of Violence. Contains copyright material. Includes chapters 7-17 and appendixes 12-16.] \* Paper, \$1.75. ● Item 851-J Pr 36.8: V 81/C 86/v.12  
L.C. card 76-604085

♣For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

Page 113

## GOVERNMENT PUBLICATIONS

- 15121 Model cities, step towards new Federalism, report of President's Task Force on Model Cities. Aug. 1970. iv+20 p. \*Paper, 20c. ● Item 851-J  
L.C. card 76-608845 Pr 37.8: M 72/R 29

- 15122 President's Commission on Income Maintenance Programs, technical studies [with lists of references]. [1970.] vii+316 p. 4° ‡ ● Item 851-J  
L.C. card 75-608625 Pr 36.8: In 2/T 22

### PUBLIC BUILDINGS SERVICE, General Services Administration Washington, DC 20405

- 15123 Design and construction of public buildings. July [1970.] 16 p. il. narrow 8° ‡ ● Item 579 GS 6.2: B 86/970

### PUBLIC DOCUMENTS DIVISION, Government Printing Office Washington, DC 20402

- 15124 List of classes of United States Government publications available for selection by depository libraries. Revised June 30, 1970. [1970.] 30 leaves, 4° ‡ ● All depositories GP 3.24: 970

Price list PL (series). ‡ ● Item 554 GP 3.9: (nos.)

- 15125 28. Finance, national economy, accounting, insurance, securities; July 1970. 53rd edition. [1970.] [2]+28 p. L.C. card 26-26476

- 15126 33. Labor, safety for workers and workmen's compensation; July 1970. 47th edition. [1970.] [2]+33 p. L.C. card 26-26497

- 15127 55. Smithsonian Institution, National Museum and Indians; July 1970. 42d edition. [1970.] il+12 p. L.C. card 25-27429

### PUBLIC HEALTH SERVICE, Health, Education, and Welfare Dept. Washington, DC 20201

Health information series. ● Item 486 HE 20.10: (nos.)

- 15128 35. Psoriasis; [prepared by Information Office, National Institute of Arthritis and Metabolic Diseases, National Institutes of Health]. [Revised 1970.] [1970.] [12] p. il. narrow 8° ([Public Health Service publication 371.]) \*Paper, \$11.25 per 100; single copy, 15c.

- 15129 [46.] Meningococcal meningitis; [prepared by National Institute of Allergy and Infectious Diseases and National Communicable Disease Center]. [1970.] [6] p. narrow 8° \*Paper, \$5.50 per hundred; single copy, 10c.

- 15130 84. About syphilis and gonorrhea. [Revised 1970, reprinted May, 1970.] [1970] [6] p. narrow 8° ([Publication 410.]) (Supersedes PHS publication 410. Cause, spread, and cure of syphilis. PHS publication 432. Cause, spread, and cure of gonorrhea and PHS publication 431. Wedding plans.) \*Paper, \$5.00 per 100; single copy 10c.

Public Health Service bibliography series.

- 15131 45. Bibliography on smoking and health, with English language abstracts of foreign items, 1969 cumulation pt. 2. [June 1970.] [51]+362 p. 4° ([Publication 11241.]) : Health Services and Mental Health Administration, National Clearing House for Smoking and Health. [Supplements Bibliography on smoking and health, 1969.] \*Paper, \$3.25. Item 481-A HE 20.11: 45/pt.2  
L.C. card 68-60300

### PUBLIC ROADS BUREAU, Transportation Dept. Washington, DC 20591

- 15132 Fatal accidents on interstate system. [1970.] [8] p. il. 4° [Based on article, Fatal accidents on completed sections of interstate highway system, 1968, by Harold R. Hosea, in Oct. 1969 issue of Public roads, and also supplements thereto, in Dec. 1969 and Feb. 1970 issues.] ‡ TD 2.102: Ac 2/3

- 15133 Highway planner in FHWA, steps toward career growth program, committee report. Mar. 1970. [8]+74+[1] p. il. 4° (Office of Planning.) ‡ L.C. card 71-608884 TD 2.102: H 53/6

\*For Sale by Superintendent of Documents

‡Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

## Highway planning technical report.

- 15134 17. Network analysis series: 3, Accuracy of computer program BMD02R stepwise regression; [by W. A. Kunzman]. Apr. 1970. [2]+12 p. 4° ‡  
TD 2.120: 17

## Hydraulic design series.

- 15135 1. Hydraulics of bridge waterways [with selected bibliography], by Hydraulic Branch, Bridge Division, Office of Engineering and Operations, reported by Joseph N. Bradley, consultant. 2d edition. [1970.] x+111 p. il. 4° \* Paper, \$1.25. ● Item 265-C  
L.C. card 73-608847 TD 2.127: 1
- 15136 Program documentation, urban transportation planning system 360. June 1970. cover title, iv+614 p. il. 4° † ● Item 265-A  
L.C. card 76-608967 TD 2.108: Ur 1

## TIES computer program (series).

- 15137 R-0100. Electronic computer program for stereocomparator coordinate reduction; developed by [Jesse R. Chaves]. Mar. 1970. cover title, [1]+il+60 p. il. 4° (Engineering System Division, Office of Research and Development.) ‡  
L.C. card 78-608938 TD 2.117/2: R-0100
- 15138 Transportation resources allocation study (TRANS), summary report, development of prototype model; prepared by Urban Planning Division. Jan. 1970. [3]+33 p. il. 4° (Office of Planning.) ‡ TD 2.102: A1 6

## RADIOLOGICAL HEALTH BUREAU, Health, Education, and Welfare Dept., Rockville, MD 20852

### BRH/ORO [Bureau of Radiological Health, Office of Regional Operations] (series).

- 15139 70-3. Directory of personnel responsible for radiological health programs. July 1970. v+42 p. † ● Item 468-A-4  
L.C. card 70-608944 HE 20.1512: 70-3

## RECLAMATION BUREAU, Interior Dept. Washington, DC 20240

- 15140 Cuba Project, New Mexico, reconnaissance report. June 1970. [93] leaves il. 4° [One illustration is colored.] ‡ I 27.2: C 89

- 15141 Development plan for Page, Ariz., prepared for people of community; prepared by Structural and Architectural Branch, Office of Chief Engineer, Denver, Colo. June 1970. [1]+27+[3] leaves, il. 6 pl. oblong large 8° [One illustration and four plates are colored.] ‡ I 27.2: P 14

### Engineering monograph.

- 15142 27. Moments and reactions for rectangular plates [with list of references]; by W. T. Moody. [Oct. 1960, revised July 1963, reprinted July 1970.] [1970.] viii+89 p. il. 4° (Water resources technical publication.) \* Paper, \$1.00.  
● Item 664-B  
L.C. card 66-61483 I 27.34: 27/3

- 15143 Pa Mong stage one feasibility report; Appendix 6, Economic, agricultural, social and financial analysis; prepared by Reclamation Bureau. 1970. [501] p. il. 2 maps in pocket, 4° [Prepared for Committee of Coordination of Investigations of Lower Mekong Basin and Agency for International Development. Maps are colored.] ‡  
L.C. card 70-607045 I 27.2: P 19/3/app.6

### REC-OCE [Reclamation Bureau, Office of Chief Engineer] (series). ‡ I 27.60: (nos.)

- 15144 69-8. Evaluation of concrete and related materials for desalination plants, 4th annual progress report: pt. 3, Selection and evaluation of accessory coatings, sealants, and polymeric products; by C. E. Selander, F. E. Causey, B. V. Jones. Dec. 1969. [2]+vi+223+[4] p. il. 4° (Chemical Engineering Branch, Division of Research.) [Prepared for Office of Saline Water. Text on p. 2 of cover. Issued with marginal index tabs on blank cardboard showing chapter numbers and titles.]
- 15145 70-6. Shear and sliding resistance tests of rock joints for Forebay Dam, Grand Coulee, 3d powerplant project; by M. L. Haverland, G. L. Butler. Jan. 1970. [2]+ii+26+[4] p. il. 4° (Concrete and Structural Branch, Division of Research.) [Text on p. 2 of cover.]

♣For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

## GOVERNMENT PUBLICATIONS

### REC-OCE—Continued

- 15146 70-7. Field and laboratory tests for safety of dams investigation at Salt River Project, Ariz.; by W. G. Austin. Feb. 1970. [5]+60+[4] p. il. 4° (Concrete and Structural Branch, Division of Research.) [Text on p. 2 of cover.]  
L.C. card 74-608937
- 15147 70-15. Vibration of Vega Dam following Rulison subsurface nuclear blast [with list of references]; by George C. Rouse, Louis H. Roehm, [and] Curtis W. Cozart. Apr. 1970. [5]+13+[4] p. il. 4° ([DD-10]; Dams Division, Division of Design.) [Text on p. 2 of cover.]

### REGIONAL MEDICAL PROGRAMS SERVICE, Health, Education, and Welfare Dept., Bethesda, MD 20014

- 15148 Atlas of oral cytology; [by] Herman Medak [and others]. [1970.] viii +133 p. il. 4° (Public Health Service publication 1949.) [Atlas and its organization supported by Cancer Control Program. Some illustrations are colored.] \* Cloth, \$4.75. ● Item 483-L-1  
L.C. card 71-608904 HE 20.2602: Or 1
- 15149 Selected bibliography of regional medical programs. 2d revision, Jan. 1970. [1970.] [3]+103 p. 4° ([Public Health Service publication 1861.] ) † ● Item 483-L-3  
L.C. card 74-607905 HE 20.2611: 970

### REHABILITATION SERVICES ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

- Statistical notes. (Division of Statistics and Studies.)
- 15150 19. Profile of clients receiving training who were rehabilitated during fiscal year 1968. Mar. 1970. 9 p. 4° †  
HE 17.114: 19

### RURAL ELECTRIFICATION ADMINISTRATION, Agriculture Dept. Washington, DC 20250

- 15151 Distribution line extension construction contract (labor only), for construction contract (labor only), for construction of rural electric system improvements and extensions. [Revised May 1970.] cover title, ii+35 p. 4° (REA form 792.) [Issued in looseleaf form.] \* Paper, 50c.  
● Item 116 A 68.2: O 76/5/970
- 15152 List of materials acceptable for use on system of REA electrification borrowers. July 1970. cover title, [296] p. il. 4° (REA bulletin 43-5.) [Text on p. 2 of cover. Issued in looseleaf form. Supersedes all preceding issues including revisions.] \* Paper, \$3.50 (including basic manual and one semiannual supplement); 75c additional for foreign mailing.  
● Item 116 A  
L.C. card 52-61303 A 68.6/2: 970
- REA bulletin.
- 15153 65-1. Guide for design of substations for rural distribution systems [with list of references]. July 1970. [4]+43 p. il. 4° [Issued with perforations. Supersedes Bulletin 65-1 dated May 3, 1955.] †  
A 68.3: 65-1
- 15154 Specifications and drawings for underground electric distribution. Apr. 1970. cover title, 16+[36] p. il. 4° (REA FORM 806.) \* Paper, 50c.  
A 68.2: Un 2

### ST. LAWRENCE SEAWAY DEVELOPMENT CORPORATION, Transportation Dept., Massena, NY 13662

- 15155 Saint Lawrence Seaway Development Corporation, 1969 annual report. [1970.] 24 p. il. 4° [Also issued as H. doc. 375, 91st Congress, 2d sess., and sent to depositories in that form.] †  
L.C. card 56-61321 TD 6.1: 969

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

OCTOBER 1970

SCIENCE AND TECHNOLOGY OFFICE, Executive Office of the President, Washington, DC 20506

- 15156 Housing research and building technology activities of Federal government. June 1, 1970. [5]+117 p. 4° \* Paper, \$1.25. ● Item 857-F-1  
L.C. card 75-608274 PrEx 8.2: H 81/2

SMALL BUSINESS ADMINISTRATION  
Washington, DC 20416

- 15157 SBA business loans, lending objectives, size standards, credit requirements, amount and terms, collateral, eligibility, how to apply. [July 1970.] cover title, 16 p. il. narrow 8° ([Office of Public Information; OPI-18.])  
† ● Item 901-B SBA 1.2: L 78/3/970
- Small business bibliography.
- 15158 33. Drugstores; by Joseph D. McEvilla. [Apr. 1970 revision.] [1970.] 8 p. 4°  
† ● Item 901-K L.C. card 73-608725 SBA 1.3: 33/3
- Starting and managing series.
- 15159 v. 20. Starting and managing a small retail music store; by Ray S. Erlandson. 1970. iv+81+[3] p. il. ([Procurement and Management Assistance, Office of Management Assistance, Education Division.]) [3 pages are left blank at end for notes.] \* Paper, 55c. ● Item 901-L  
L.C. card 74-608630 SBA 1.15: 20

SMITHSONIAN INSTITUTION  
Washington, DC 20560

Smithsonian contributions to paleobiology.

- 15160 5. Catalog of illustrated Paleozoic plants in National Museum of Natural History [with bibliography; by] Arthur D. Watt. 1970. [2]+53 p. 4° [Publication was authorized by Director, United States Geological Survey.] \* Paper, 60c. ● Item 910-G  
L.C. card 77-608935 SI 1.30: 5

Smithsonian contributions to zoology. ● Item 910-D SI 1.27: (nos.)

- 15161 45. Bredin-Archbold-Smithsonian biological survey of Dominica, crane flies, (Diptera, Tipulidae) [with list of literature cited; by] Charles P. Alexander. 1970. [2]+59 p. il. 4° \* Paper, 60c.  
L.C. card 79-608906
- 15162 55. Atlantic deep-sea calanoid copepoda [with list of literature cited; by] Ellsworth H. Wheeler, Jr. 1970. [2]+31 p. il. 4° \* Paper, 45c.  
L.C. card 72-608477

SOCIAL AND REHABILITATION SERVICE, Health, Education, and Welfare Dept., Washington, DC 20201

- 15163 Cost and output of graduate social work education, exploratory study [with bibliography]. Apr. 1970. [1]+xvii+188 p. 4° (Office of Research, Demonstrations and Training, Division of Intramural Research, Social Welfare Manpower Research Branch.) [Prepared under contract SRS 69-11 by Cooper and Company, Stamford, Conn.] \* Paper, \$1.75.  
● Item 512-A-1 HE 17.2: G 75

SOCIAL SECURITY ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

Actuarial notes. † HE 3.19/2: (nos.)

- 15164 69. Mortality of aged before and after medicare; by Robert J. Myers and William D. Ritchie. Apr. 1970. [3] p. 4°
- 15165 70. Hospital utilization and average daily hospital costs for persons aged 65 and over as indicated by data under hospital insurance program and from American Hospital Association; by Robert J. Meyers. Apr. 1970. [4] p. 4°
- 15166 73. Comparison of actual experience under OASDHI system with short-range cost estimates; by Robert J. Myers and Margaret A. Lannen. May 1970. [3] p. 4° (Office of Actuary.)

‡For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 117

# GOVERNMENT PUBLICATIONS

- Actuarial study.
- 15167 71. Actuarial cost estimates for hospital insurance program; by Robert J. Myers and William C. Hsiao. Feb. 1970. [2]+1+38 p. 4° (Office of Actuary.)  
‡ HE 3.19:71
- From social security survey of the disabled, 1966, report. (Office of Research and Statistics.) ‡ HE 3.54/2:(nos.)
- 15168 9. Disabled on public assistance; by Henry P. Brehm. June 1970. [1]+10+[9] p. 4° [Includes list of reports from 1966 survey of disabled adults.]
- 15169 10. Epidemiology of disability: 2, Measurement of functional capacity limitations [with list of references]; by Lawrence D. Haber. July 1970. [1]+45 p. 4°
- Research and statistics note, 1970 (series). (Office of Research and Statistics.)
- 15170 12. National health insurance, comparison of 5 proposals [with bibliography]; by Saul Waldman and Evelyn Peel. July 23, 1970. 23 p. 4° ‡  
HE 3.28/2: 970/12
- Research report.
- 15171 31. Social security programs throughout the world, 1969; [prepared by International Staff, Office of Research and Statistics]. [1970.] xxx+[2]+249 p. 4° \* Paper, \$2.75. • Item 522-A  
L.C. card HEW 62-40 HE 3.49: 31
- SSI-(series). • Item 523-B HE 3.52: (nos.)
- 15172 17. Social security and cash tips. [June 1970.] 5+[1] p. narrow 8° ‡
- 15173 21. Social security and your household employee. [June 1970.] [8] p. oblong 48° [Joint publication of Social Security Administration and Internal Revenue Service, Treasury Dept.] ‡
- 15174 22. If you're self-employed—reporting your income for social security. [July 1970.] [6] p. narrow 12° \* Paper, \$5.00 per 100; single copy 10c.
- 15175 29. If you become disabled. [May 1970.] 32 p. oblong 48° \* Paper, \$10.00 per 100; single copy, 10c.

## SOIL CONSERVATION SERVICE, Agriculture Dept. Washington, DC 20250

- 15176 Appraisal of outdoor recreation potentials for Carter County, Okla. Fort Worth, Tex., 1970. [3]+41 p. il. 4° [Prepared in cooperation with Arbuckle Soil and Water Conservation District and local individuals, organizations, and agencies. Some pages issued as leaves.] ‡  
A 57.57: C 24
- 15177 Appraisal of potentials for outdoor recreational development: Blount County, Tenn., May 1969. Fort Worth, Tex., 1970. cover title, [136] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Technical Action Panel, local individuals, organizations, and agencies.] ‡  
L.C. card 77-630764 A 57.57: B 62
- 15178 — Bradley County, Tenn., Nov. 1969. Fort Worth, Tex., 1970. cover title, [48] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Rural Development Committee, local individuals, organizations, and agencies.] ‡  
L.C. card 77-630764 A 57.57: B 72
- 15179 — Claiborne County, Tenn., Oct. 1969. Fort Worth, Tex., 1970. cover title, [63] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Technical Action Panel, local individuals, organizations, and agencies.] ‡  
L.C. card 77-630764 A 57.57: C 52
- 15180 — Coffee County, Tenn., Sept. 1969. Fort Worth, Tex., 1970. cover title, [54] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Technical Action Panel, local individuals, organizations, and agencies.] ‡  
L.C. card 77-630764 A 57.57: C 65

\*For Sale by Superintendent of Documents

‡Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 15181 — Crockett County, Tenn. Fort Worth, Tex., Feb. 1970. cover title, [1] +13+[15] p. ll. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Action Panel, local individuals, organizations, and agencies. Some pages issued as leaves.] ‡  
L.C. card 77-630764 A 57.57: U 87
- 15182 — Decatur County, Tenn., Sept. 1969. Fort Worth, Tex., 1970. cover title, [51] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Technical Action Panel, local individuals, organizations, and agencies.] ‡  
L.C. card 77-630764 A 57.57: D 35
- 15183 — Gibson County, Tenn., Feb. 1970. Fort Worth, Tex., 1970. cover title, [36] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Technical Action Panel, local individuals, organizations, and agencies.] ‡  
L.C. card 77-630764 A 57.57: G 35
- 15184 — Hardin County, Tenn., Sept. 1969. Fort Worth, Tex., 1970. cover title, [79] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Technical Action Panel, local individuals, organizations, and agencies.] ‡  
L.C. card 77-630764 A 57.57: H 21
- 15185 — Jefferson County, Tenn., Aug. 1969. Fort Worth, Tex., 1970. cover title, [54] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Rural Development Committee, local individuals, organizations, and agencies.] ‡  
L.C. card 77-630764 A 57.57: J 35
- 15186 — Lake County, Tenn. Fort Worth, Tex., Feb. 1970. cover title, [1]+15 +[8] p. ll. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Technical Action Panel, local individuals, organizations, and agencies. Some pages issued as leaves.] ‡  
L.C. card 77-630764 A 57.57: L 14
- 15187 — Monroe County, Tenn., May 1969. Fort Worth, Tex., 1970. cover title, [108] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Technical Action Panel, local individuals, organizations, and agencies.] ‡  
L.C. card 77-630764 A 57.57: M 75
- 15188 — Montgomery County, Tenn., Nov. 1969. Fort Worth, Tex., 1970. cover title, [55] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Rural Development Committee, local individuals, organizations, and agencies.] ‡  
L.C. card 77-630764 A 57.57: M 76
- 15189 — Moore County, Tenn., Sept. 1969. Fort Worth, Tex., 1970. cover title, [1]+19+[14] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Technical Action Panel, local individuals, organizations and agencies.] ‡  
L.C. card 77-630764 A 57.57: M 78

♣For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

Page 119

# GOVERNMENT PUBLICATIONS

- 15190 Appraisal of potentials for outdoor recreational development: Polk County, Tenn., Nov. 1969. Fort Worth, Tex., [1970.] cover title, [71] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Technical Action Panel, local individuals, organizations, and agencies.] ‡  
L.C. card 77-630764 A 57.57: P 75
- 15191 — Unicoi County, Tenn., July 1969. Fort Worth, Tex., 1970. cover title, [66] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Technical Action Panel, local individuals, organizations, and agencies.] ‡  
L.C. card 77-630764 A 57.57: Un 3
- 15192 Atlas of river basins of United States, drainage areas of more than 700 square miles, land resource regions and major land resource areas. 2d edition June 1970. [1970.] cover title, [8] p. 84 maps, oblong f° [One map is colored.] \* Paper, \$13.00.  
L.C. card 75-653814 A 57.2: R 52
- 15193 California's resources, tomorrow's challenge, what's ahead for our land and people. [Portland, Oreg., 1968] cover title, [32] p. il. 4° ([M7-N-20872.]) [Text and illustrations on p. 2-4 of cover.] ‡ A 57.2: C 12/4
- 15194 Classification and correlation of soils of Lake County, Fla. (exclusive of that part in Ocala National Forest area); [by Lando J. Bartelli and James A. DeMent]. Fort Worth, Tex., 1970. cover title, 12 leaves, 4° ‡  
A 57.2: L 14
- 15195 Computation standards for engineering work; prepared by Design Section, E&WP Unit, Regional Technical Service Center. Portland, Oreg., Dec. 1968. cover title, 25 p. 4° [Some pages issued as leaves.] ‡  
A 57.6/2: C 73/968
- [Conservation information] SCS-CI-(series).
- 15196 13. Organization and development of Soil Conservation Service, reference for employees; [compiled by late Robert L. Geiger, Jr., assisted by George A. Keller]. Revised July 1970. [1970.] [1]+30 p. 4° ‡ ● Item 119-A  
A 57.44: 13
- 15197 Conservation irrigation guide for design of sprinkler irrigation systems for south Georgia coastal plain (to be used with Soil Survey); prepared by Soil Conservation Service, Agricultural Research Service. Revised Mar. 1970. Fort Worth, Tex., 1970. [1]+5+[5] p. 4° [Prepared in cooperation with University of Georgia, Cooperative Extension Service, Georgia Agricultural Experiment Stations.] ‡ A 57.6/2: G 29
- 15198 Conservation of hawks in Arizona [with list of references]. [Phoenix, Ariz., Mar. 1969.] 3 p. il. 4° ‡  
A 57.2: H 31
- 15199 Conservation of owls in Arizona [with list of references]. [Phoenix, Ariz., Mar. 1969.] 3 p. il. 4° ‡  
A 57.2: Ow 4
- 15200 Conservation of owls in State of Wyoming. n.d. 1 p. il. 4° ‡  
A 57.2: Ow 4/2
- 15201 Conservation vs. pollution. [Lincoln, Nebr.] Apr. 1970. [6] p. il. narrow 8° ‡  
A 57.2: C 76/7
- 15202 Corvallis, Oreg., PMC (Plant Materials Center), better plants for conservation and beauty. [Portland, Oreg., 1966.] [2] p. il. oblong f° folded into oblong 16° size. ‡  
A 57.2: C 81
- 15203 Critical area stabilization, guide for landowner, builder or planner in urban areas, western Washington. Portland, Oreg., 1970. 4 p. il. 4° ‡  
A 57.6/2: St 1/2
- 15204 Eradication of fish. [Fort Worth, Tex., 1970.] [2] p. il. 4° (AK-BIOL-44-7 (2-47-70) (formerly AK-44-49); Little Rock, Ark.) ‡  
A 57.2: F 52/2

\*For Sale by Superintendent of Documents

‡Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 15205 Erosion, enemy of the people, let's stop runaway raindrops in Wisconsin. [Lincoln, Nebr., 1970.] [4] p. il. 4° ‡ A 57.2: Er 6/13
- 15206 Feasibility study of requirements for main drainage canals, Beaufort County, S.C. Fort Worth, Tex., Apr. 1970. cover title, [2]+56 p. il. 14 p. of pl. 4° [Prepared under sponsorship of Beaufort County, Beaufort County Development Board, and Beaufort County Soil and Water Conservation District. Some pages are issued as leaves. Text on p. 2 of cover.] ‡ A 57.2: B 38/3
- 15207 Food, feeders and feeding for songbirds. [Fort Worth, Tex., 1970.] Feb. 27, 1970.] [2] p. il. 4° (AK-BIOL-44-8.) ‡ A 57.2: So 5
- 15208 Habitat management for blue grouse in Utah. Portland, Oreg., Mar. 1970. [2] p. il. 4° (Technical notes: Biology-upland game.) ‡ A 57.56: G 91/4
- 15209 Habitat management for California quail in Utah. Portland, Oreg., Mar. 1970. [2] p. il. 4° (Technical notes; Biology-upland game.) ‡ A 57.56: Q 2/2
- 15210 Habitat management for Canada goose in Utah. Portland, Oreg., Mar. 1970. [2] p. il. 4° (Technical notes; Biology-waterfowl.) ‡ A 57.56: O 16/2
- 15211 Habitat management for chukars in Utah. Portland, Oreg., Mar. 1970. [2] p. il. 4° (Technical notes; Biology-upland game.) ‡ A 57.56: C 47/2
- 15212 Habitat management for gray partridge in Utah. Portland, Oreg., Mar. 1970. [2] p. il. 4° (Technical notes, Biology-upland game.) ‡ A 57.56: P 25/2
- 15213 Habitat management for hares in State of Washington. Portland, Oreg., 1970. 2 p. il. 4° [From State of Washington Plant science handbook, Biology Section, Spokane, Wash., Mar. 1970.] ‡ A 57.56: H 22
- 15214 Habitat management for rabbits in State of Washington. Portland, Oreg., 1970. 2 p. il. 4° [From State of Washington Plant science handbook, Biology Section, Spokane, Wash., Mar. 1970.] ‡ A 57.56: R 11
- 15215 Habitat management for ring-necked pheasant in Utah. Portland, Oreg., Mar. 1970. [2] p. il. 4° (Technical notes; Biology-upland game.) ‡ A 57.56: P 49/2
- 15216 Habitat management for ruffed grouse in Utah. Portland, Oreg., Mar. 1970. [2] p. il. 4° (Technical notes; Biology-upland game.) ‡ A 57.56: G 91/5
- 15217 Habitat management for turkey in State of Washington. Portland, Oreg., 1970. 2 p. il. 4° [From State of Washington Plant science handbook, Biology Section, Mar. 1970. Issued with perforations.] ‡ A 57.56: T 84
- 15218 Herons in State of Washington. Portland, Oreg., 1970. 2 p. il. 4° [From State of Washington Plant science handbook, Biology Section, Spokane, Wash., Mar. 1970.] ‡ A 57.2: H 43
- 15219 Louisiana's conservation needs inventory, 1970. [Fort Worth, Tex., 1970.] [12] p. il. oblong 16° ‡ A 57.2: L 93
- 15220 Mulch tillage in Corn Belt. Lincoln, Nebr. [May 1970.] 8 p. il. 4° ‡ A 57.2: M 89
- 15221 Mulching for erosion control on newly shaped slopes. Portland, Oreg., 1969. [2] p. il. 4° ‡ A 57.2: M 89/2
- 15222 Plant materials annual report of field plantings: Arkansas 1969; [by Thomas A. Brown]. Fort Worth, Tex., 1970. 6+[1] p. 4° ‡ A 57.55: Ar 4k/969

# GOVERNMENT PUBLICATIONS

- 15223 Plant Materials Center, Coffeerville, Miss., 1969 annual report. [Revised Apr. 1970.] Fort Worth, Tex., 1970. ‡  
L.C. card 75-608570 A 57.54: C 65/pt.1-2  
pt. 1. cover title, [1]+15 p. 4°  
pt. 2. cover title, [3]+36 p. 4°
- 15224 Pond management for largemouth bass and bluegill in Utah. [Portland, Oreg., Mar. 1970.] [2] p. il. 4° (Technical notes; Biology-fish.) ‡  
A 57.2: L 32
- 15225 Proceedings of Western Regional Technical Work-Planning Conference of Cooperative Soil Survey, Las Cruces, N. Mex., Jan. 26-29, 1970 [with bibliographies]. Portland, Oreg., 1970. cover title, 63 p. il. 4° ‡  
A 57.2: W 52r
- 15226 Recreation, income "crop" for Wyoming farmers and ranchers, how and where to get help. [Portland, Oreg. 1970.] [6] p. il. narrow 8° ‡  
A 57.2: W 99/4
- 15227 Red fox in State of Wyoming. n.d. 1 p. il. 4° ‡ A 57.2: R 24/2
- 15228 Resource data for land use planning and community development, soils, Creswell area, Oreg. Portland, Oreg., Mar. 1970. cover title, [4]+11 leaves, [45] p. il. 4° [Prepared in cooperation with Lane County Board of Commissioners. Page 9 omitted, but no text is missing.] ‡  
A 57.2: C 86
- 15229 Revised work plan for watershed protection and flood prevention, Lower Clear Boggy Creek Watershed, Atoka, Bryan, Coal, and Johnston Counties, Okla.; prepared by Atoka County Soil and Water Conservation District, Bryan County Soil and Water Conservation District, Coal County Soil and Water Conservation District, Johnston County Soil and Water Conservation District, Lower Clear Boggy River Conservancy District, [and] Oklahoma Industrial Development and Park Department. Fort Worth, Tex., Nov. 1969 [published] 1970. cover title, iv+[4]+51 p. il. 10 pl. 4° [Some pages are issued as leaves. Table of contents and one plate on p. 2 and 3 of cover. One plate is colored.] ‡ A 57.59: L 95
- 15230 Seeding for erosion control on newly shaped slopes. Portland, Oreg., 1969. [2] p. il. 4° ‡ A 57.2: Se 3
- 15231 Soil classification system, placement of series, South Region, Jan. 1970. [Revised Feb. 1970.] Fort Worth, Tex., 1970. cover title, 1+32+43+[2] p. 4° (South Region Technical Service Center, Fort Worth, Tex.) [Errata sheet, 2 p., issued also.] ‡  
L.C. card 70-607995 A 57.2: So 3/48/970
- 15232 Soil conditioning rating indices for major irrigated and non-irrigated crops grown in western United States [with lists of references; by Wayne W. Austin]. [July 1964, revised] Apr. 1967. Portland, Oreg., [1970.] cover title, [55] p. il. 4° (Western Region; Conservation agronomy technical note 27.) [Revised by J. W. Turelle. Text and illustrations on p. 2-3 of cover.] ‡ A 57.2: So 3/50
- 15233 Soil handbook for soil survey of City of Fredericksburg, Tex. [Fort Worth, Tex.], Feb. 1970. [6]+80 p. map 4° [Developed under cooperative agreement with city of Fredericksburg, Tex. and Gillespie County Soil and Water Conservation District in cooperation with Texas Agricultural Experiment Station.] ‡ A 57.6/2: F 87
- 15234 Soil survey: Las Vegas, N. Mex.; prepared by [Joseph M. Downs and Harry Cook III]. [Portland, Oreg.], Jan. 1970. [3]+37 p. 4 maps, 4° [Prepared in cooperation with Las Vegas, N. Mex., San Miguel County, N. Mex., and Gallinas-Tecolote Soil and Water Conservation District. Maps are colored.] ‡  
L.C. card 73-608863 A 57.38: L 33v

\*For Sale by Superintendent of Documents

‡Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 15235 Soil survey interpretations for Mahantango Creek watershed, Pa., v. 1. Jan. 1969. cover title, [4]+105+G-8 p. 4° [Prepared in cooperation with Pennsylvania State University, Agricultural Experiment Station, Agricultural Extension Service and Pennsylvania Department of Agriculture, Soil and Water Conservation Commission. Text on p. 2 of cover.] ‡ A 57.2: M 27/v.1
- Soil survey series 1952.
- 15236 3. [Soil survey: St. Mary's Parish, La., Mar. 1959], Supplement, Soil interpretations, 1969; by Lester L. Loftin and Larkin B. Agnew. [Fort Worth, Tex., 1970. (2)+14 leaves il. 4 tabs. 4° [Prepared in cooperation with Louisiana Agricultural Experiment Station and Louisiana Department of Highways. Series date incorrectly given on cover as 1953.] ‡ A 57.38: 952/3/supp.1
- 15237 Soils and people, facts about California cooperative soil surveys, what they do for you. [1970.] [6] p. il. large 8° ‡ A 57.2: C 12/3
- 15238 Story of snow surveys and water supply forecasts conducted cooperatively by Federal, State, and private organizations. [Portland, Oreg., 1959.] [6] p. il. narrow 8° ‡ A 57.2: Sn 6/22
- 15239 Sunfish, green sunfish, redear sunfish in Utah. Portland, Oreg., Mar. 1970. [2] p. il. 4° (Technical notes; Biology-fish.) ‡ A 57.2: Su 7/2
- 15240 Talladega County, Ala., appraisal of potential for outdoor recreational development. Fort Worth, Tex., Jan. 1970. cover title, 3-50 p. il. oblong 8° [Prepared in cooperation with Auburn University Extension Service, Talladega County, Ala. Map on p. 2 of cover.] ‡ A 57.57: T 14
- 15241 Taylor County soil survey. [Fort Worth, Tex., June 1970.] [8] p. il. ‡ A 57.2: T 21
- 15242 This wind-chill chart depicts cooling effect of winter wind. Portland, Oreg., 1970. 1 p. il. 4° (Technical notes.) ‡ A 57.2: W 72/2
- 15243 Upper Willamette Resource Conservation and Development Project, annual work plan, 1970. Portland, Oreg., 1970. cover title, [1]+32 p. il. 4° [Text on p. 2 of cover.] ‡ A 57.2: W 66/3/970
- 15244 Watershed work plan: McKay-Rock Creek Watershed, Washington and Multnomah Counties, Oreg.; [prepared by Washington County Soil and Water Conservation District and other State and local agencies]. Portland, Oreg., Aug. 1969. cover title, [3]+iii+AGR 8+94 p. 11 pl. 4° [Prepared in cooperation with U.S. Forest Service. Some illustrations are colored.] ‡ A 57.59: M 19
- 15245 — Perilla Mountain watershed, Cochise County, Ariz.; [prepared by City of Douglas, County of Cochise, Whitewater Draw Soil Conservation District]. Portland, Oreg., Apr. 1970. cover title, [5]+AGR 4+60 p. il. 7 pl. 4° [Two plates are colored.] ‡ A 57.59: P 41
- 15246 Watershed work plan for watershed protection, and flood prevention, Sanderson Canyon Watershed, Terrell, Pecos, and Brewster Counties, Tex.; [prepared by Rio Grande-Pecos River Soil and Water Conservation District, and other state and local agencies]. Fort Worth, Tex., Nov. 1969 [published] 1970. cover title, vii+[1]+50 leaves il. 7 pl. 4° [Table of contents on p. 2 of cover. One plate is colored.] ‡ A 57.59: Sa 5
- 15247 Ways to attract non-game birds in Arizona. [Phoenix, Ariz., Mar. 1969.] 4 p. il. 4° [Includes list of Reference books for identification and range of birds.] ‡ A 57.2: B 53/2
- 15248 Ways to attract non-game birds in Montana and Wyoming. [Bozeman, Mont., Casper, Wyo., Jan. 1969.] 4 p. il. 4° ‡ A 57.2: B 53/3
- 15249 Woodland in Soil Conservation Service. [1968, revised 1970.] Apr. 1970. cover title, [5]+147 p. il. 4° (Western Region.) ‡ A 57.2: W 85/5

‡For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 123

# GOVERNMENT PUBLICATIONS

- 15250 Work plan for watershed protection and flood prevention, Paint Creek watershed, Harper County, Okla., prepared by Harper County Soil and Water Conservation District [and] Town of Laverne, Okla. Fort Worth, Tex., Mar. 1969. cover title, [11]+40 p. 1 pl. 3 maps, 4" [Table of contents and another illustration on p. 2 and 3 of cover. One map is colored.] ‡ A 57.59: P 16
- 15251 Work plan for watershed protection, flood prevention, drainage, fish and wildlife water resource improvement, Fish Bayou Watershed, Crittenden and St. Francis Counties, Ark.; [prepared by Crittenden County Soil and Water Conservation District and St. Francis County Soil and Water Conservation District, with assistance by Forest Service]. Fort Worth, Tex., 1969. cover title, v+[1]+33 leaves il. map 4" [Table of contents on p. 2 of cover.] ‡ A 57.59: F 52
- 15252 Work plan for watershed protection, flood prevention, recreation, Fish Stream watershed [Penobscot County, Maine; prepared by Southern Aroostook Soil and Water Conservation District, Town of Patten.] [Aug. 1968.] cover title, [14]+46 p. il. 5 pl. 4" [Prepared with assistance by Department of Agriculture, Forest Service and Cooperative Extension Service, University of Maine. One plate is colored.] ‡ A 57.59: F 52/2
- 15253 Work plan for watershed protection, flood prevention, recreation, Sugar River watershed, Grafton, Merrimack, and Sullivan Counties, N.H. [prepared by Towns of Croydon, Goshen, Grantham, Lempster, and Newport, City of Claremont, N.H., Sullivan and Merrimack County Conservation Districts, New Hampshire Water Resources Board]. Aug. 1969. cover title, xiv+[2]+58 p. 1 pl. 4 maps, 4" [Prepared with assistance of Forest Service. One map is colored.] ‡ A 57.59: Su 3
- 15254 Why improve channels? [Fort Worth, Tex., 1970.] [6] p. il. narrow 8" ‡ A 57.2: C 36/2

## SOLID WASTE MANAGEMENT BUREAU, Health, Education, and Welfare Dept., Rockville, MD 20852

- 15255 Comprehensive studies of solid waste management [with lists of references]; prepared by C. G. Golueke and P. H. McGauhey. 1970. xx+202 +xvii+245 p. il. 4" ([Public Health Service publication 2039.]) [Interim reports (SW-3 rg) on work performed under research grant EC-00260 (formerly successive grant nos. were UI-00547 and SW-00003) to University of California.] \* Paper, \$4.25. ● Item 487-A-1  
L.C. card 71-608963 HE 20.1402: C 73
- 15256 Developing State solid waste management plan: by Richard O. Toftner. 1970. ix+50 p. il. 4" ([Public Health Service publication 2031]; SW-42ts.) \* Paper, 60c. ● Item 487-A-2  
L.C. card 70-607466 HE 20.1408: M 31
- 15257 Sanitary landfill facts; by Thomas J. Sorg and H. Lanier Hickman, jr. 1970. [6]+30 p. il. 4" ([Public Health Service publication 1792]; SW-4ts.) [Some illustrations are colored.] \* Paper, \$1.00. ● Item 487-A-1  
L.C. card 70-607317 HE 20.1402: L 23/2
- 15258 Solid waste management, abstracts and excerpts from literature, v. 1-2; prepared by C. G. Golueke and Staff of College of Engineering, University of California. 1970. xi+308+vii+147 p. 4" ([Public Health Service publication 2038]) [This report (SW-2rg) performed under Research grant EC-00260 (formerly UI-00547).] \* Paper, \$4.00. ● Item 487-A-1  
L.C. card 77-608288 HE 20.1402: M 31
- 15259 Solid waste management, Federal role; [by Richard D. Vaughan]. [1969.] cover title, 22+[1] p. narrow 8" [Paper presented at symposium, Environmental equilibrium, criteria, cost, cooperation, National Pollution Control Conference and Exposition, sponsored by Houston Junior Chamber of Commerce, Houston, Tex., Apr. 22-24, 1969.] ‡ HE 20.1410: V 46

\*For Sale by Superintendent of Documents

‡Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1970

**SPORT FISHERIES AND WILDLIFE BUREAU, Interior Dept.  
Washington, DC 20240**

**Fish disease leaflet FDL--(series).**

- 15260 27. Approved procedure for determining absence of infectious pancreatic necrosis (IPN) virus in certain fish and fish products [with annotated bibliography]; prepared by Donald F. Amend and Gary Wedemeyer. June 1970. 4 p. 4° (Division of Fishery Research.) † I 49.28/3:27

- 15261 Marshland wildlife drive, Seney National Wildlife Refuge, Mich. [1970.] cover title, [12] p. il. [Map on p. 2 of cover.] \* Paper, 25c. ● Item 612 I 49.2: M 35

**National estuary study. Jan. 1970. [Prepared in cooperation with Commercial Fisheries Bureau.] ● Item 612**

- L.C. card 79-608129 I 49.2: Es 8/2/v. (nos.)
- 15262 v. 1. Main report. [1]+III+90+4 p. 19 p. of pl. 4° [Some pages are numbered as leaves only, the unnumbered sides bearing the illustrations. Some plates are colored. Also issued as H. doc. 274, 91st Congress, 2d session.] \* Paper, \$1.75.
- 15263 v. 2. Appendix A, Staff report [with selected list of references]. [1]+IV+303 p. il. 23 p. of pl. 4° [Illustrations are colored. Also issued as H. doc. 286, pt. 1, 91st Congress, 2d session.] \* Paper, \$3.00.
- 15264 v. 3. Appendix B, Management studies in specific estuaries. [5]+326+[14] p. il. 20 maps, 4° [Maps are colored. Also issued as H. doc. 286, pt. 2, 91st Congress, 2d session.] \* Paper, \$4.75.
- 15265 v. 4. Appendix C. Additional support data for biophysical profiles; appendix D. Estuarine landscape survey and analysis [with bibliography]. [299] p. il. 4° [Also issued as H. doc. 286, pt. 3, 91st Congress, 2d session.] \* Paper, \$2.25.
- 15266 v. 5. Appendix E. Some economic factors affecting estuary zone including market outlooks for estuary products; appendix F. Technological impacts on estuary resource use; appendix G. Conflicts and problems in specific estuaries [with bibliographies]. [296] p. il. 4° [Also issued as H. doc. 286, pt. 4, 91st Congress, 2d session.] \* Paper, \$2.25.
- 15267 v. 6. Appendix H. Evaluation of existing methods of coordinating State and Federal actions; appendix I. Federal, State, and local laws and tax policies affecting use of estuarine resources. [285] p. il. 4° [Also issued as H. doc. 286, pt. 5, 91st Congress, 2d session.] \* Paper, \$2.00.
- 15268 v. 7. Appendix J. Inventory of State development plans and policies for uses of estuarine resources; appendix K. Evaluation of existing public management schemes relevant to estuarine resource use. [185] p. 4° [Also issued as H. doc. 286, pt. 6, 91st Congress, 2d session.] \* Paper, \$1.50.

**North American fauna (series).**

- 15269 68. Sea otter in eastern Pacific Ocean [with list of references]; by Karl W. Kenyon. [Aug. 1969.] cover title, xiii+352 p. il. Text on p. 2 of cover.] \* Paper, \$1.75. ● Item 612-A I 49.30: 68  
L.C. card 78-607965

- 15270 Puddle ducks [with suggested reading list]. [1970.] [16] p. il. 4° \* Paper, 15c. ● Item 612 I 49.2: D 85/2

**Refuge leaflets. †**

I 49.44: (nos.)

- 15271 142. Birds of Upper Mississippi River Wildlife and Fish Refuge. [Apr. 1970.] [6] p. narrow 16°
- 15272 144. Birds of Moosehorn Wildlife Refuge. Apr. 1970. [6] p. narrow 16°
- 15273 150. Birds of National wildlife refuges on Florida Keys. [May 1970.] [4] p. narrow 12° [Page 4 left blank to be used for notes.]
- 15274 178. Birds of Monte Vista National Wildlife Refuge. [June 1970.] [6] p. narrow 8°
- 15275 241. Birds of Las Vegas National Wildlife Refuge. [Apr. 1970.] [4] p. narrow 16°

**Regulatory announcement.**

- 15276 85. Federal regulations governing hunting, possession, transportation and importation of mourning and white-winged doves, wild pigeons, rails, woodcock, snipe, sea ducks, and gallinule in contiguous United States and in Hawaii, Puerto Rico, and Virgin Islands and of waterfowl, coots, snipe, and cranes in Alaska, 1970-71. Aug. 1970. 16 p. † ● Item 613 I 49.24: 85

**Technical papers.**

- 15277 45-46. Factors affecting pesticide-induced toxicity in an estuarine fish: Acute toxicities of organochlorine and organophosphorus insecticides to estuarine fishes [with list of references]; by Ronald Eisler. Mar. 1970. II+20+12 p. il. 4° † ● Item 615-A I 49.68: 45-46  
L.C. card 73-608942

✦For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

Page 125

# GOVERNMENT PUBLICATIONS

## STATE DEPARTMENT Washington, DC 20520

Background notes. ([Office of Media Services, Bureau of Public Affairs.])  
[Issued with perforations.] \* Paper, \$3.50 per yr., \$3.00 additional for  
foreign mailing; single copies, each 10c. • Item 862-B  
L.C. card 66-61561

- 15278 Central African Republic [with reading list]. [Revised Oct. 1968.] [1968.]  
4+[1] p. il. 4° ([Publication 7970]) S 1.123: C 33 af/968
- 15279 Ceylon [with reading list]. [Revised July 1970.] [1970.] 7 p. il. 4° ([Publica-  
tion 7757.]) S 1.123: C 33/970
- 15280 Commonwealth of Australia [with reading list]. [Revised June 1970.] [1970.]  
7 p. il. 4° ([Publication 8149.]) S 1.123: Au 7/2/970
- 15281 Federal Republic of Austria [with reading list]. [Revised June 1970.] [1970.]  
6 p. il. 4° ([Publication 7955.]) S 1.123: G 11/970
- 15282 Gabon Republic [with reading list]. [Revised Apr. 1970.] [1970.] 4 p. il. 4°  
([Publication 7968.]) S 1.123: J 22/970
- 15283 Jamaica [with reading list]. [Revised Aug. 1970.] [1970.] 4 p. il. 4° ([Publi-  
cation 8080.]) S 1.123: G 81/970
- 15284 Kingdom of Greece [with reading list]. [Revised July 1970.] [1970.] 8 p. il. 4°  
([Publication 8198.]) S 1.123: L 29/970
- 15285 Kingdom of Laos [with reading list]. [Revised Aug. 1970.] [1970.] 4 p. il. 4° ([Pub-  
lication 8301.]) S 1.123: M 44/970
- 15286 Mauritius [with reading list]. [Revised June 1970.] [1970.] 4 p. il. 4° ([Pub-  
lication 8023.]) S 1.123: U 8/970
- 15287 Oriental Republic of Uruguay [with reading list]. [Revised May 1970.] [1970.] 4 p. il. 4° ([Publication 7857.]) S 1.123: D 13/970
- 15288 Republic of Dahomey [with reading list]. [Revised July 1970.] [1970.] 6 p. il. 4°  
([Publication 8308.]) S 1.123: Iv 7/970
- 15289 Republic of Ivory Coast [with reading list]. [Revised May 1970.] [1970.] 8 p. il. 4°  
([Publication 8119.]) S 1.123: So 8 af/968
- 15290 Republic of South Africa [with reading list]. [Revised Oct. 1968.] [1968.] 8 p. il. 4°  
([Publications 8021.]) S 1.123: V 67/970
- 15291 Republic of Viet-Nam [with reading list]. [Revised Apr. 1970.] [1970.] 8 p. il. 4°  
([Publication 7933.]) S 1.123: V 67/970

### Department and Foreign Service series.

- 15292 126. Biographic register [Department of State, U.S. Mission to United Nations,  
Agency for International Development, Peace Corps, U.S. Arms Control  
and Disarmament Agency, U.S. Information Agency, Foreign Agricultural  
Service], 1970, revised as of June 30, 1970; [compiled by Publishing and  
Reproduction Services Division, Office of Operations]. [Revised July  
1970.] [1970.] vi+465 p. 4° ([Publication 7722.]) \* Paper, \$4.50.  
L.C. card 9-22072 S 1.69: 126

- 15293 Foreign Affairs Research Documentation Center, special papers available:  
Western Europe, Great Britain, and Canada, list of papers accessioned  
between 1964-70 in Foreign Affairs Research Documentation Center.  
July 1970. cover title, [2]+72 p. 4° (Office of External Research.)  
[Text on p. 2 of cover. List of recent publications issued by Office of Ex-  
ternal Research on p. 3 of cover.] ‡ S 1.126/2: W 52

### General foreign policy series. †

- 15294 245. Rule of law and settlement of international disputes [address by Secretary  
Rogers, made before American Society of International Law at New York,  
N.Y., Apr. 25, 1970]. [July 1970.] [2]+5 p. 4° ([Publication 8538;  
Office of Media Services, Bureau of Public Affairs.]) [Reprinted from  
Department of State bulletin, May 18, 1970. Series designation given in-  
correctly in publication as 248.] \* Paper, 10c. • Item 875 S 1.71: 245  
L.C. card 72-608320

### International boundary studies. (Geographer, [Office of Geographer], Bu- reau of Intelligence and Research.) ‡

- 15295 84. Algeria-Spanish Sahara boundary. [Revised] July 1, 1970. cover title, [1]  
+4 p. map 4° S 1.119/3:(nos.)
- 15296 88. Algeria-Mauritania boundary. [Revised] July 15, 1970. cover title, [1]+8  
p. map 4°
- 15297 100. Iraq-Syria boundary. May 15, 1970. cover title, [1]+8 p. map. 4°

### International organization and conference series.

- 15298 55. UN, action agency for peace and progress. [Revised July 1970.] [1970.]  
[12] p. il. narrow 8° ([Publication 7733; Office of Media Services, Bureau  
of Public Affairs.]) \* Paper, 15c. • Item 882-B S 1.70: 55/7  
L.C. card 79-608965

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 15299 Spanish, programmatic course, v. 2; [by] Vicente Arbelaez C., Susana K. De Framinan, and C. Cleland Harris. 1970. xii+614 p. (Foreign Service Institute.) [Compiled and published with assistance of Peace Corps. Foreign Service Institute basic course series edited by Augustus A. Koski.] \* Paper, \$5.25. ● Item 872-A S 1.114/2: Sp 2/2/v.2
- 15300 Spanish, programmatic course, v. 2, instructor's manual; [by] Vicente Arbelaez C., Susana K. De Framinan, and C. Cleland Harris. 1970. [1]+145-223 p. (Foreign Service Institute.) [Compiled and published with assistance of Peace Corps.] \* Paper, 75c. ● Item 872-A S 1.114/2: Sp 2/2/v.2/inst.man.
- Treaties and other international acts series. \* Paper, \$15.00 a yr. (approximately 150 issues), \$7.00 additional for foreign mailing; single copies vary in price. (Issues of \$1.00 or more are not furnished as part of the subscription.) ● Item 899 S 9.10: (nos.)
- 15301 6838. Okinawa, preparatory measures for transfer of administrative rights, agreement between United States and Japan, effected by exchange of notes signed Tokyo Mar. 3, 1970; [entered into force Mar. 3, 1970]. [1970.] [2]+9 p. [Japanese and English.] \* Paper, 10c. L.C. card 74-607361
- 15302 6855. Agricultural commodities, agreement between United States and India, amending agreement of Oct. 13, 1969, effected by exchange of notes signed New Delhi Mar. 17, 1970; [entered into force Mar. 17, 1970]. [1970.] [2]+2 p. \* Paper, 10c. L.C. card 70-607868
- 15303 6861. Atomic energy, cooperation for mutual defense purposes, agreement between United States and United Kingdom of Great Britain and Northern Ireland, amending agreement of July 3, 1958, as amended, signed Washington Oct. 16, 1969; [entered into force Apr. 8, 1970]. [1970.] [2]+2 p. \* Paper, 10c. L.C. card 74-607869
- 15304 6866. Tracking stations, agreement between United States and Australia, effected by exchange of notes dated Canberra Mar. 25, 1970; [entered into force Mar. 25, 1970, effective Feb. 26, 1970.]. [1970.] [2]+9 p. \* Paper, 10c. L.C. card 70-608590
- 15305 6867. Agricultural commodities, agreement between United States and Ecuador, signed Quito June 30, 1969, and amending agreements, effected by exchange of notes, signed Quito Sept. 29 and Oct. 1, 1969, and exchange of notes signed Quito Mar. 4, and Apr. 6, 1970; [entered into force Apr. 6, 1970]. [1970.] [2]+34 p. [English and Spanish.] \* Paper, 20c. L.C. card 75-608684
- 15306 6868. Agricultural commodities, agreements between United States and Uruguay, amending agreement of Jan. 19, 1968, as amended, effected by exchange of notes dated Montevideo, Mar. 4 and 18 and Apr. 7 and 17, 1970; [entered into force Mar. 18 and Apr. 17, 1970]. [1970.] [2]+7 p. [English and Spanish.] \* Paper, 10c. L.C. card 73-608583
- 15307 6870. Maritime matters, deployment of U.S.S. Shenandoah, agreement between United States and Malta, effected by exchange of notes, signed Valletta Apr. 13 and 23, 1970; [entered into force Apr. 23, 1970]. [1970.] [2]+5 p. \* Paper, 10c. L.C. card 70-608585
- 15308 6874. Ryukyu Islands, abolition of Advisory Committee to High Commissioner, agreement between United States and Japan, effected by exchange of notes signed Tokyo May 1, 1970. [1970.] [2]+5 p. [English and Japanese.] \* Paper, 10c.
- 15309 6875. Investment guarantees, agreement between United States and Mauritius, effected by exchange of notes, signed Port Louis May 11, 1970; [entered into force May 11, 1970]. [1970.] [2]+6 p. \* Paper, 10c. L.C. card 71-608360
- 15310 6876. Agricultural commodities, agreement between United States and Viet-Nam, amending agreement of Dec. 23, 1969, as amended, effected by exchange of notes signed Saigon May 15, 1970; [entered into force May 15, 1970]. [1970.] [2]+2 p. \* Paper, 10c. L.C. card 79-608362
- 15311 6877. Air transport services, agreement between United States and Morocco signed Rabat Feb. 9, 1970 with exchange of notes; [entered into force Feb. 9, 1970]. [1970.] [2]+25 p. [English and French.] \* Paper, 20c. L.C. card 77-608856
- 15312 6878. Cultural relations, exchanges in scientific, technical, educational, cultural and other fields in 1970-71, agreement between United States and Union of Soviet Socialist Republics, signed Washington Feb. 10, 1970 with annexes; [entered into force Feb. 10, 1970, effective Jan. 1970]. [1970.] [2]+78 p. [English and Russian.] \* Paper, 30c. L.C. card 76-608372
- 15313 6879. Reciprocal fishing privileges, agreement between United States and Canada, signed Ottawa Apr. 24, 1970; [entered into force Apr. 24, 1970]. [1970.] [2]+6 p. [English and French.] \* Paper, 10c. L.C. card 75-608361

\*For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

Page 127

# GOVERNMENT PUBLICATIONS

## Treaties and other international acts series—Continued

- 15314 6880. Trade, meat imports, agreement between United States and Honduras, effected by exchange of notes signed Tegucigalpa Apr. 30, 1970; [entered into force Apr. 30, 1970]. [1970.] [2]+8 p. [English and Spanish.] \* Paper, 10c.  
L.C. card 77-608359
- 15315 6881. Defense, cooperative technical scientific projects, agreement between United States and Argentina, effected by exchange of notes signed Buenos Aires May 5, 1970; [entered into force May 5, 1970.] [1970.] [2]+4 p. [English and Spanish.] \* Paper, 10c.  
L.C. card 73-608374
- 15316 6882. Trade in cotton textiles, agreement between United States and Pakistan, effected by exchange of notes signed Washington, May 6, 1970; [entered into force May 6, 1970] with related notes. [1970.] [2]+10 p. \* Paper, 10c.  
L.C. card 70-608357
- 15317 6883. Ionospheric research by satellites, agreement between United States and Canada, amending agreement of May 6, 1964, effected by exchange of notes signed Ottawa, May 11, 1970; [entered into force May 11, 1970.] [1970.] [2]+4 p. [English and French.] \* Paper, 10c.  
L.C. card 72-608363
- 15318 6884. Agricultural commodities, agreement between United States and Philippines, amending agreement of Mar. 24, 1970, effected by exchange of notes signed Manila May 21 and 28, 1970; [entered into force May 28, 1970]. [1970.] [2]+2 p. \* Paper, 10c.  
L.C. card 76-608356
- 15319 6886. Military Mission to Iran, agreement between United States and Iran, extending agreement of Oct. 6, 1947, as amended and extended, effected by exchange of notes dated Tehran Oct. 1, and 13, 1969; [entered into force Oct. 13, 1969]. [1970.] [2]+4 p. [English and Persian.] \* Paper, 10c.  
L.C. card 73-608358
- 15320 6887. Agricultural commodities, agreement between United States and Viet-Nam, amending agreement of Mar. 25, 1970, effected by exchange of notes signed Saigon June 1, 1970; [entered into force June 1, 1970]. [1970.] [2]+2 p. \* Paper, 10c.  
L.C. card 77-608375
- 15321 6888. Air service, lease of equipment return of certain items, agreement between United States and Federal Republic of Germany, extending agreement of Aug. 2, 1955, as extended, effected by exchange of notes dated Bonn Nov. 12, 1969, and Jan. 30, 1970; [entered into force Jan. 30, 1970, effective Aug. 2, 1969]. [1970.] [2]+5 p. [German and English.] \* Paper, 10c.  
L.C. card 78-608587
- 15322 6890. Fisheries in western region of Middle Atlantic Ocean, agreement between United States and Poland, signed Washington June 13, 1970; [entered into force June 13, 1970]; with exchange of letters. [1970.] [2]+17 p. [English and Polish.] \* Paper, 15c.  
L.C. card 73-608670
- 15323 6891. Agricultural commodities, agreement between United States and Ghana, signed Accra June 22, 1970; [entered into force June 22, 1970]. [1970.] [2]+4 p. \* Paper, 10c.  
L.C. card 74-608586
- 15324 6892. Education, financing of exchange program, agreement between United States and Federal Republic of Germany, supplementing agreement of Nov. 20, 1962, as amended, effected by exchange of notes dated Bonn and Bonn-Bad Godesberg, Mar. 11 and June 5, 1970; [entered into force June 5, 1970]. [1970.] [2]+4 p. [German and English.] \* Paper, 10c.  
L.C. card 71-608588
- 15325 6893. Agricultural commodities, agreement between United States and Viet-Nam, amending agreement of Dec. 23, 1969, as amended, effected by exchange of notes signed Saigon June 19, 1970; [entered into force June 19, 1970]. [1970.] [2]+3 p. \* Paper, 10c.  
L.C. card 76-608660
- 15326 6894. Air transport services, modus vivendi between United States and Iceland, effected by exchange of notes signed Washington June 24, 1970; [entered into force June 24, 1970]. [1970.] [2]+3 p. \* Paper, 10c.  
L.C. card 70-608857
- 15327 6895. Trade in cotton textiles, agreement between United States and Turkey, amending agreement of July 17, 1964, as extended, effected by exchange of notes signed Washington June 26, 1970; [entered into force June 26, 1970]. [1970.] [2]+2 p. \* Paper, 10c.  
L.C. card 77-608584
- 15328 6896. Atomic energy, cooperation for civil uses, agreement between United States and Finland, signed Washington Apr. 8, 1970; [entered into force July 7, 1970]. [1970.] [2]+41 p. [English and Finnish.] \* Paper, 20c.  
L.C. card 72-608577
- 15329 6897. Space research program, agreement between United States and Australia, effected by exchange of notes dated Canberra May 22, 1970; [entered into force May 22, 1970]. [1970.] [2]+3 p. \* Paper, 10c.  
L.C. card 75-608589

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 15330 6903. Launching facilities for Italian satellites, agreement between United States and Italy, effected by exchange of notes, signed Rome, June 15 and 20, 1970; [entered into force June 20, 1970]. [1970.] [2]+7 p. \* Paper, 10c.  
L.C. card 72-608730
- 15331 6904. Weather stations, agreement between United States and Mexico, extending agreement of Feb. 4, 1966, as extended, effected by exchange of notes signed Mexico and Tlatelolco; [entered into force July 1, 1970]. [2]+3 p. [English and Spanish.] \* Paper, 10c.  
L.C. card 78-608729
- 15332 6907. Peace Corps, agreement between United States and Malta, effected by exchange of notes signed Valletta Apr. 29 and June 24, 1970; [entered into force June 24, 1970]. [1970.] [2]+5 p. \* Paper, 10c.  
L.C. card 76-608731
- 15333 6911. Agricultural commodities, agreement between United States and Indonesia signed Jakarta April 30, 1970; [entered into force Apr. 10, 1970]. [1970.] [2]+3 p. \* Paper, 10c.  
L.C. card 74-608807
- 15334 6916. General Agreement on Tariffs and Trade, protocol for accession of United Arab Republic to agreement of Oct. 30, 1947, done Geneva, Feb. 27, 1970; [entered into force May 9, 1970] with proces-verbal of rectifications, signed Geneva, July 16, 1970. [1970.] [2]+33 p. [English and French.] \* Paper, 20c.  
L.C. card 78-608808
- 15335 U.S. National Commission for UNESCO memo, special issue: [Man and his environment, view toward survival, 13th National Conference of United States National Commission for UNESCO Nov. 23-25, 1969, San Francisco, Calif.] [1970.] [3]+29 p. il. 4° † S 5.48/14: En 8

## STATISTICAL REPORTING SERVICE, Agriculture Dept. Washington, DC 20250

- 15336 Calf crop, 1970. July 23, 1970. 2 p. 4° (MtAn 2-2 (7-70); Crop Reporting Board.) † A 92.18/5: 970
- 15337 Lamb crop, 1970. July 27, 1970. 2 p. 4° (MtAn 5-1 (7-70); Crop Reporting Board.) † A 92.18/4: 970
- 15338 Wool, shorn wool production, 1970. July 27, 1970. 2 p. 4° (MtAn 5-3 (7-70); Crop Reporting Board.) † A 92.29: 970

## SYSTEMS RESEARCH AND DEVELOPMENT SERVICE, Transportation Dept., Washington, DC 20553

### Report RD-(series).

TD 4.509: (nos.)

- 15339 69-53. See Federal Aviation Administration, National Aviation Facilities Experimental Center report 70-3, TD 4.32: 70-3.
- 15340 70-1. Evaluation of laser for use as transmissometer calibrator, final report [with list of references; by] David H. George, Robert J. McCann, Jan. 1970, cover title, vii+76+[13] p. il. 4° ([Work unit 450-401-05E, agreement FA-65 WAI-96.]) † Paper, \$3.00.  
L.C. card 77-608919
- 15341 70-16. Economic studies and some test results from fog dissipation systems in France; edited by Robert L. Northedge. Apr. 1970, cover title, [66] p. il. 4° ([Work unit 400 area.]) [Translated from original French by Language Service, Inc.] † Paper, \$3.00.
- 15342 70-21. Rain attenuation study for 15 GHz relay design, final report. [with list of references; by] R. E. Skerjanc and C. A. Samson, May 1970, cover title, iii+59 p. il. 4° [Prepared under contract FA 65 WAI-86 by Institute for Telecommunication Sciences, Environmental Science Services Administration, Commerce Dept.] † Paper, \$3.00.

## TARIFF COMMISSION Washington, DC 20436

- 15343 Automotive soft trim: Certain workers of American Motors Corporation, Wyoming, Mich., report to the President on investigation TEA-W-27 under sec. 301(c)(2) of Trade expansion act of 1962. Aug. 1970. [3]+12 +[7] p. 4° (TC publication 333.) † TC 1.2: Au 8/18
- 15344 Electrical components and apparatus and allied products: production and maintenance workers of F. W. Sickles Division, General Instrument Corporation, Chicopee and Ludlow, Massachusetts, report to President on investigation TEA-W-21 under sec. 301(c)(2) of Trade Expansion Act of 1962. July 1970. [2]+ii+10+A19 p. 4° (TC publication 329.) † TC 1.2: El 2

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

•Sent to Depository Libraries

Page 129

# GOVERNMENT PUBLICATIONS

- 15345 Imports of benzenoid chemicals and products, 1969, United States general imports of intermediates, dyes, medicinals, flavor and perfume materials, and other finished benzenoid products entered on 1969 under schedule 4, pt. 1, of Tariff schedules of United States. July 1970. cover title, [1]+93 p. 4° (TC publication 328.) †  
L.C. card 65-62724 TC 1.36: 969
- 15346 Protective footwear of rubber on plastics and rubber-or-plastic-soled footwear with fabric uppers: certain workers at Mishawaka, Ind., plant of Uniroyal, Inc., Watertown, Mass., plant of B. F. Goodrich Footwear Co., and Rock Island, Ill., plant of Servus Rubber Co., report to President on worker investigations TEA-W-23, TEA-W-26. July 1970. [3]+12+A62 p. 4° (TC publication 330.) † TC 1.2: F 73/3
- 15347 Synthetic organic chemicals, United States production and sales of pesticides and related products, 1969, preliminary. July 1970. cover title, [1]+11 p. 4° † TC 1.33/2: P 43/969
- 15348 Umbrellas and metal parts thereof, report to the President on investigation TEA-1-17 under sec. 301(b) of Trade expansion act of 1962. Aug. 1970. cover title, ii+12+[40] p. 4° (TC publication 334.) † TC 1.2: Um 1/3
- 15349 Whole dried eggs from Holland, determination of injury in investigation AA1921-63, under Antidumping act, 1921, as amended. July 1970. cover title, [1]+13 p. 4° (TC publication 332.) † TC 1.31/2: Eg 3

## TENNESSEE VALLEY AUTHORITY Washington, DC 20444

- 15350 Fertilizer trends, 1969 [with list of references; by] Edwin A. Harre. 103 p. ii, 4° (National Fertilizer Development Center, Muscle Shoals, Ala.) †  
L.C. card 67-9596 Y 3.T 25: 2 F 41/6/969
- 15351 Fish inventory data, Norris Reservoir, 1969. Apr. 1970. [2]+3 p. map, 8 tab. 4° (Fisheries and Waterfowl Resources Branch.) †  
Y 3.T 25: 2: F 53/11
- 15352 Publications available for general distribution. July 1970. 10+[1] p. 4° (Division of Forestry, Fisheries, and Wildlife Development, Norris, Tenn.) †  
Y 3.T 25: 27 P 96/4/970
- 15353 Tennessee Valley streams, their fish, bottom fauna, and aquatic habitat: Powell River drainage basin, 1968 [with list of literature cited]. Apr. 1970. [2]+6 p. map, 11 tab. 4° (Division of Forestry, Fisheries, and Wildlife Development.) †  
Y 3.T 25: 27 P 87

## TRANSPORTATION DEPARTMENT Washington, DC 20590

### Automobile insurance and compensation study. • Item 982-C-1

- 15354 Analysis of complaints in selected automobile insurance markets, advisory report to Division of Industry Analysis, Bureau of Economics, Federal Trade Commission, for Department of Transportation; by Douglas G. Olson, assisted by August E. Ralston. July 1970. vii+88 p. 4° • Paper, \$1.00.  
L.C. card 75-608883 TD 1.17: C 73/2
- 15355 Automobile personal injury claims, v. 1. July 1970. viii+248 p. 4° • Paper, \$2.00.  
L.C. card 72-608627 TD 1.17: P 43/v.1
- 15356 Automobile personal injury claims, v. 2: pt. 3, App. D. July 1970. vii+307 p. 4° • Paper, \$2.25.  
L.C. card 72-608627 TD 1.17: P 43/v.2
- 15357 Economic regulation of insurance in United States; [by] John G. Day. July 1970. v+77 p. • Paper, 40c.  
L.C. card 77-608900 TD 1.17: In 7/2
- 15358 Insolencies among automobile insurers, advisory report to Division of Industry Analysis, Bureau of Economics, Federal Trade Commission for Department of Transportation; by Douglas G. Olson. July 1970. vii+146 p. 4° • Paper, \$1.25.  
L.C. card 79-608389 TD 1.17: In 7
- 15359 Motor vehicle assigned risk plans, report of Division of Industry Analysis, Bureau of Economics, Federal Trade Commission to Department of Transportation; by William T. Hold, assisted by Harry P. Haiduk. Aug. 1970. xi+129 p. 4° • Paper, \$1.25.  
L.C. card 79-608626 TD 1.17: M 85

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

# OCTOBER 1970

## Automobile insurance and compensation study—Continued

- 15360 Rehabilitation of auto accident victims; by John Henle. Aug. 1970. v+49 p. \* Paper, 35c. TD 1.17: R 26
- 15361 Study of assigned risk plans, report of Division of Industry Analysis, Bureau of Economics, Federal Trade Commission to Department of Transportation; by Dennis F. Reinmuth [and] Gary K. Stone. Aug. 1970. v+224 p. \* Paper, \$1.00. L.C. card 72-608872
- 15362 Cleveland Hopkins Airport access study, survey results: [by] Regional Planning Commission, Cuyahoga County, Ohio. June 1970. ix+180 p. il. 4° [Prepared for Office of Assistant Secretary for Policy and International Affairs and Urban Mass Transportation Administration.] † Office of Information (TPA-20), Department of Transportation, Washington, DC 20590 • Item 982-C-1 L.C. card 72-608599
- 15363 Department of Transportation national plan for navigation. May 1970. cover title, [5]+32 p. il. 4° (Federal Aviation Administration; U.S. Coast Guard.) ‡ L.C. card 72-608599
- 15364 National transportation planning manual: Manual A, general instructions. July 1970. cover title, [177] p. 4° (BOB no. 004-S70028.) ‡ • Item 982-C-5 L.C. card 72-608599

## TREASURY DEPARTMENT Washington, DC 20220

- 15365 Remarks of Charis E. Walker, Under Secretary of Treasury before Tax Section of American Bar Association, St. Louis, Mo., Aug. 9, 1970. [1970.] 4 p. 4° (K-466.) † L.C. card 72-608599
- 15366 Treasury enforcement agent. [Revised Aug. 1970.] [1970.] cover title, 20 p. il. 4° ([IRS Publication 619; Bureau of Customs, Internal Revenue Service, Secret Service.]) † • Item 925 L.C. card 72-608599

## UNEMPLOYMENT INSURANCE SERVICE, Labor Dept. Washington, DC 20210

NOTE.—The Unemployment Insurance Service was established within the Labor Department's Manpower Administration.

BES (series).

- 15367 U-141. Comparison of State unemployment insurance laws, comparison revision, series 3, no. 1. Aug. 31, 1970. [131] p. (Unemployment Insurance Service.) \* Paper, 75c. • Item 752-B L.C. card 72-608599
- 15368 Unemployment insurance, questions and answers on employment security amendments of 1970. [1970.] [14] p. oblong 48° \* Paper, 15c. • Item 783-E-1 L.C. card 72-608599
- 15369 Unemployment insurance tax rates by industry, 1968. 1970. vi+45 p. 4° † • Item 752-B L.C. card 72-608599

## UNITED STATES-PUERTO RICO COMMISSION ON STATUS OF PUERTO RICO, 1634 I Street N.W., Washington, DC 20006

- 15370 Status de Puerto Rico, informe de la Comision de Los Estados Unidos y de Puerto Rico sobre el status de Puerto Rico [con bibliografia seleccionada]. Agosto 1966. v+282 p. [For English edition, see Monthly catalog, Feb. 1967, Entry 2959.] \* Paper, 75c. L.C. card 72-608599

## UNITED STATES TRAVEL SERVICE, Commerce Dept. Washington, DC 20230

- 15371 Foreign visitor arrivals, 1959-69. [1970.] 3 p. 4° (Office of Research and Analysis.) † L.C. card 72-608599
- 15372 USA ofertas turisticas visite E.U.A. [for visitors from overseas.] [1970.] [8] p. narrow 8° (408-S.) † L.C. card 72-608599
- 15373 USA travel bargains [for visitors from overseas.]. [1970.] [8] p. narrow 8° † L.C. card 72-608599

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
•Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## URBAN MANAGEMENT ASSISTANCE ADMINISTRATION, Housing and Urban Development Dept., Washington, DC 20401

Housing planning information series. † HH 8.10:(nos.)

- 15374 3. Legal questions associated with low-income and minority housing. Nov. 1969. [2]+6 p. 4° (Office of Metropolitan Development, HUD Clearinghouse Service.)
- 15375 8. Housing planning notes. Oct. 1969. [2]+19 p. 4° (Office of Metropolitan Development; HUD Clearinghouse Service.)
- 15376 9. Housing planning notes [v. 2]. June 1970. cover title, [3]+17 p. 4° (HUD-48-MD; Office of Planning Assistance and Standards.) ● Item 584-N-1

## VETERANS ADMINISTRATION Washington, DC 20420

Information bulletin IB (series).

- 15377 15-1. Notes on biometry in medical research, supplement 1; [by Donald Mainland]. June 1970. cover title, [1]+35 p. il. 4° (Research Support Centers, Research and Education in Medicine, Department of Medicine and Surgery.) † ● Item 986-A VA 1.22: 15-1/supp.1

Research monograph.

- 15378 10. County veteran population, Dec. 1969: [prepared by Frank Van Buskirk]. [1970.] cover title, vi+73 p. 4° (Reports and Statistics Service, Office of Controller.) † ● Item 989-F L.C. card 73-608934 VA 1.48/2: 10

VA pamphlets. † ● Item 988

VA 1.19:(nos.)

- 15379 10-56. Social work in Veterans Administration, career opportunities in VA hospitals & clinics, nationwide, professional social workers, social work associates, graduate training. [Revised May 1970.] [1970.] [2]+12 p. il. 4° ([Department of Medicine and Surgery.]) [Supersedes VA pamphlet 10-56, revised May 1969.]
- 15380 26-7. Lenders handbook [guaranty or insurance of loans to veterans, GI loan program]. Change 1. July 27, 1970. [3] p. 4° [Issued in looseleaf form.]
- 15381 29-17. National service life insurance information and premium rates, J and JR policies. [Revised] June 1970. [1970.] cover title, v+39 p. narrow 8° (Department of Veterans Benefits, Insurance Service.) [Text on p. 2 of cover. Rescinds VA pamphlet 29-17, Mar. 1965.]
- 15382 29-23. National service life insurance total disability income provision premium rates on NSLI (V), (RS) & (W) policies for TDIP "60" and TDIP "65". Revised [edition]. Oct. 1970. [1]+il+41 p.
- 15383 Voluntary service, National Advisory Committee, report of annual meeting, Volunteer in today's world, pt. 1, Washington, D.C., Mar. 31-Apr. 1, 1970. July 1970. vi+58 p. il. 4° (Office of Chief Medical Director.) † ● Item 985 L.C. card 61-61961 VA 1.2: V 88/970/pt.1

## WAGE AND HOUR AND PUBLIC CONTRACTS DIVISIONS, Labor Dept., Washington, DC 20210

- 15384 Executive, administrative, professional and outside salesmen exemptions under Fair labor standards act. [May 1970.] 17 p. narrow 8° (WH publication 1224; [Wage and Hour Division.]) † ● Item 777-B L 22.33: Sa 3
- 15385 Hospitals under Fair labor standards act. May 1970. [1]+14 p. 4° (WH publication 1301; Wage and Hour Division.) [Includes list of publications.] † ● Item 777 L 22.2: H 79/10

Interpretative bulletin, title 29, of Code of Federal regulations.

- 15386 pt. 860. Age discrimination in employment act of 1967. [1970.] iii+7 p. 4° (WH publication 1293; Wage and Hour Division.) [Conforms to Code of Federal regulations as of Apr. 1, 1970.] † ● Item 778 L 22.10: 860

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1970

**WEATHER BUREAU, Commerce Dept.  
Washington, DC 20235**

- 15387 Daily river stages, v. 63, 1967 [with list of reference notes]; compiled by National Weather Records Center, Environmental Data Service. 1970. iv +173 p. il. 4" [Prepared for Office of Hydrology. Prior to 1949 issue, publication was entitled Daily river stages at river gage stations on principal rivers of United States. Includes list of corrigenda.] \* Paper, \$1.50. ● Item 274  
L.C. card 65-9158 C 30.24: 63
- 15388 Marine weather services chart: Mexican border to Point Conception, Calif. Scale 50 naut. m.=2.6 in. Apr. 1970. 12 x 19 in. [Lambert conformal conic projection. Text on reverse.] \* Paper, 15c. C 30.22/6: M 57

**WOMEN'S BUREAU, Labor Dept.  
Washington, DC 20210**

- 15389 Day care facts [with bibliography]; prepared by Beatrice Rosenberg. [May 1970.] 15 p. 4" ([WB-70-213.]) † ● Item 782 L 13.2: D 33/3/970
- 15390 Labor laws affecting women, capsule summary: Ohio. May 1, 1970. 9 p. 4" ([WB 70-190.]) † L 13.14: Oh 3/970

**YOUTH DEVELOPMENT AND DELINQUENCY PREVENTION  
ADMINISTRATION, Health, Education, and Welfare Dept.  
Washington, DC 20201**

NOTE.—The Youth Development and Delinquency Prevention Administration has been established as an organizational unit within the Social and Rehabilitation Service.

- 15391 State responsibility for juvenile detention care; [by] John J. Downey. 1970. v+16 p. ([Publication SRS-JD-135/970.]) \* Paper, 20c. ● Item 512-A-1 HE 17.802: J 98
- 15392 Youthful drug use; [by] Richard Brotman [and] Frederick Suffet. 1970. v+39 p. ([SRS-145.]) \* Paper, 30c. ● Item 512-A-1 L.C. card 74-608681 HE 17.802: D 84



# Index

MONTHLY CATALOG, OCTOBER 1970

NOTE.—Entries appear in this Index under subjects or titles. Bulletins, circulars, etc., having no specific subjects are entered under the issuing office only. Index citations are to entry numbers in the catalog.

## A

- Aafedt, Donna A., tobacco, drug, and alcohol unit, grade 6, Great Falls District no. 1, Great Falls, Mont., 14947
- Abbreviations, contractions used by FAA, air traffic control, etc., handbook, change, 13030
- Ability, measurement of functional capacity limitations, measurement of disability, 15169  
see also Aptitude tests.
- Abramovich, Arle, relief, 13609
- Absorption, cupric ion, through denuded epithelium, 14761
- Abstracts, see names of departments, etc., issuing abstracts—also subjects.
- Accelerators:  
accelerator dosimetry and experience, conference proceedings, 13067  
glass-coated, accelerator grid on 15-centimeter-diameter Kaufman thruster, 1000-hour endurance test, 14859  
photon activation analysis using NRL Linac, survey, 15091
- Access openings, see Closures.
- Accidents:  
how to investigate, 14658  
pipeline accident report, 15040  
see also Aircraft accidents—Injuries—Motor vehicle accidents—Railroad accidents—Safety of life.
- Accounting, see Accounts and accounting.
- Accounts and accounting:  
career opportunities in Government Printing Office for college graduates in accounting, 14557  
improved accounting control over equipment at Kennedy Space Center, GAO report, 14500  
publications, price list, 15125
- Achievement tests, school achievement of children 6-11 years, as measured by reading and arithmetic subtests of wide range achievement test, 14935
- Acid mine drainage, see Mine drainage.
- Acoustics, see Noise—Sound.
- Acreage allotments, see names of products.
- Acreage marketing guides, 13762.
- Activation analysis, see Radioactivation analysis.
- Acts of Congress, see Law.
- Actuarial cost estimates for hospital insurance program, 15167
- Actuarial notes, 15164-167
- Actuaries, employment outlook, 14678
- Acuty, auditory sensitivity of goldfish within near acoustic field, 14766
- Adair County, Iowa, community profile, 13826
- Adams County, Iowa, community profile, 13827
- Adams County, N. Dak., community profile, 13828
- Adams County, Ohio, community profile, 13829
- Adaptation, coping and adaptation, behavioral sciences, bibliography, 15013
- Adapters, sets, kits, and outfits, Federal item identification guide, 13792
- Adaptive control systems, see Control systems.
- Addresses, lectures, etc.:  
by—  
Bentley, Helen D., 14372-373  
Blount, Winton M., 15113  
Brimmer, Andrew F., 14388  
Burgess, Isabel A., 15041  
Day, James V., 14374  
Gibson, A. E., 14757  
Hardin, Clifford M., 12973  
Lyng, Richard E., 12972  
Mitchell, George W., 14391  
Morrison, Elting E., 13009  
Murphy, Robert T., 13186  
Palmy, Clarence D., 13004  
Ramey, James T., 13087  
Reed, John H., 15042  
Richardson, Elliot L., 14566  
Rogers, William, 15294  
Schuyler, William E., Jr., 15104  
Stans, Maurice H., 13216  
Vaughan, Richard D., 15259  
Walker, Charles E., 15365  
FMC SP series, 14372-374  
Harmon memorial lectures in military history (series), 13009  
MA SP series, 14757
- Adeifang, S. I., further study of jimsphere wind profiles as related to space vehicle design and operations, 14832
- Administration, see Administrative management.
- Administration of Federal Meat Inspection Act Joint Committee, see Federal Meat Inspection Act, Joint Committee on Administration of.
- Administrative agencies, see Government offices.
- Administrative Conference of United States, appropriations, 1971, hearings, 13710
- Administrative management:  
AFOTC management control system, 1969 updating of data file, 13013  
career opportunities in Government Printing Office for college graduates in printing and personnel administration, 14557  
Forest Service organization and management systems, summary from manual, 14455  
management—  
facility management handbook, change, 13032  
literature survey, bibliography, 14844  
national park system, policies, improve, reports, 13409, 13660  
personnel bibliography series, 13205  
personnel management—  
PACAF basic bibliography, 13029  
series, 13206, 14592  
radiological health programs, personnel responsible, directory, 15139

# INDEX

- Administrative management—Continued
  - small business, starting and managing series, 15159
  - staffing patterns in mental health facilities, 15017
- Administrative Office of United States, annual report, 12956
- Administrators, *see* Hospital administrators.
- ADP Management Training Center, management of automatic data processing in Federal Government, training programs, 13194
- Adsorption, SO<sub>2</sub> adsorption-regeneration reactions with alkali alumina, mathematical evaluation, 14793
- Adults:
  - public assistance programs, improve—brief summary of act, 13548
  - related material, 13727
- Advertising:
  - salacious advertising, prohibit transportation by interstate facilities, including mails, report, 13439
  - used in contracting for military construction, survey, GAO report, 14516
  - see also* subjects.
- Advisory Commission on Federal Pay, establish, hearings, 13537
- Advisory Commission on Freight Rates, establish, hearings, 13718
- Advisory Commission on Intergovernmental Relations, appropriations, 1971, hearings, 13710
- Advisory Committee on Environmental Quality Education, create, hearings, 13503
- Advisory Committee on Federal Salaries, establish, hearings, 13537
- Advisory Committee to High Commissioner of Ryukyu Islands, abolish, agreement with Japan, 15308
- Advisory committees, Presidential, management and control, hearings, 13521
- Advisory Council on State Departments of Education, Federal-State partnership for education, annual report, 14254
- AEC, *see* Atomic Energy Commission.
- Aerial photography, image points on aerial photographs, electronic computer program to help in stereocomparator coordinate reduction, 15137
- Aerodynamics:
  - acoustic and aerodynamic performance of 6-foot-diameter fan for turbofan engines, 14856
  - aerodynamic characteristics of X-24A lifting body aircraft, full-scale wind-tunnel investigation, 14874
  - nonfriction braking systems for high-speed trains, 14381
  - turbine aerodynamic and cooling requirement for turbojet powered mach 3 transport using methane fuel, 14871
  - see also* Flow—Wings (aircraft).
- Aeronautical and Space Sciences Committee, Senate, hearing, 13705
- Aeronautical instruments, flight computer and language processor study, 14809
- Aeronautics:
  - air service, lease of equipment, agreement with Germany, Federal Republic, 15321
  - America in space, first decade, 14836
  - civil aviation, employment outlook, 14723
  - Federal aviation act of 1958, amend—hearings, 13722
  - report, 13474
  - Federal aviation regulations, 14357
  - national aviation system planning review conference, Apr. 14-17, 1970, summary report, 14362
- Aerospace, *see* Outer space.
- Aerospace food technology, 14837
- Aerospace science, *see* Science.
- Afghanistan, economic trends and their implications for United States, 14623
- Africa:
  - Eastern, accessions list, Library of Congress, Nairobi, Kenya, 14751
  - southern, special study mission report, print additional copies, report, 13634
- Age, discrimination in employment act, 15386
- Aged:
  - designs for action for older Americans, 12959
  - food guide for older folks, 12980
  - hospital utilization and average daily costs as indicated by data from hospital insurance program and American Hospital Association, 15165
  - mortality before and after medicare, 15164
  - older persons, feet first, foot care booklet, 14569
  - statewide community organization, 12959
  - see also* Aging.
- Agency for International Development, *see* International Development Agency.
- Aging:
  - basic concepts, programed manual, 12958
  - economics of aging—conference of national organizations, Washington, D.C., hearings, 13706
  - toward a full share in abundance, hearings, 13706
  - employment aspects, Washington, D.C., hearings, 13706
- Aging, Special Committee on, Senate, hearings, 13706
- Agricultural adjustment act, *see* Agriculture.
- Agricultural commodities, *see* Agricultural products.
- Agricultural credit, Bankhead-Jones farm tenant act, amend, law, 13318
- Agricultural marketing agreement act, *see* Agricultural products.
- Agricultural products:
  - agricultural commodities, agreement with—
    - Ecuador, 15305
    - Ghana, 15323
    - India, 15302
    - Indonesia, 15333
    - Philippines, 15318
    - Uruguay, 15306
    - Vietnam, 15310, 15320, 15325
  - Agricultural marketing agreement act of 1937—
    - amend, law, 13337
    - extend, law, 13316
  - marketing bulletins, 12988
  - marketing research reports, 12989-993
  - production research reports, 13002-3
- Agricultural Research Service:
  - ARS series, 12960-962
  - Plant Protection Division, Western Region, cooperative programs, 12965
  - utilization research and development, 1969 summary, report, 12966
- Agricultural Stabilization and Conservation Service:
  - annual report—
    - Massachusetts, 12967
    - Montana, 12971
    - West Virginia, 12968
  - ASCS background information BI series, 12969
- Agricultural trade development and assistance act of 1954, Library of Congress Public law 480 project accessions list, Indonesia, cumulative list of serials, supplement, 14752
- Agricultural workers, *see* Farm labor.
- Agriculture:
  - Agricultural adjustment act, amend, law, 13316
  - agricultural aircraft operations, Federal aviation regulations, 14357
  - agricultural conditions and prospects (address), 12973
  - agricultural economic report, 14265-267
  - agriculture handbooks, 12974-978

Agriculture—Continued  
 agriculture information bulletins, 12979  
 Eastern Europe's agricultural development and trade, patterns and perspectives, 14273  
 employment outlook, 14715  
 experimental agricultural watersheds, hydrologic data, 12996  
 foreign agricultural economic reports, 14273  
 Foreign Agricultural Service, miscellaneous FAS-M series, 14424  
 Agriculture and Forestry Committee, Senate, hearings, 13707  
 Agriculture Committee, House:  
 hearings, 13490-491  
 history, print as House document, report, 13632  
 150th anniversary, brief history, 13664  
 reports, 13418, 13425, 13464, 13479  
 Agriculture Department:  
 acceptance service for meat and meat products, 12988  
 annual report, 13005  
 appropriations, 171—  
 amendment, proposal, report, 13570  
 report, 13645  
 color filmstrips and slide sets, list, 12994  
 guide to understanding, 15106  
 leaflets, 12985-987  
 marketing bulletins, 12988  
 marketing research reports, 12989-993  
 miscellaneous publications, 12994-997  
 Organic act of 1944, amend, report, 13418  
 PA [program aid] series, 12998-13000  
 statistical bulletins, 13006-7  
 technical bulletin, 13008  
 Youth Conservation Corps, establish, law, 13345  
 AIB series, 12979  
 AID, *see* International Development Agency.  
 Aid to families with dependent children, *see* Children—Families.  
 Air, permeability studies of lightweight coated fabric subjected to uniaxial tensile loads with and without prior cycling, 14873  
 Air brakes, *see* Brakes.  
 Air carriers:  
 air taxi operations and commercial operators of small aircraft, Federal aviation regulations, 14357  
 air transport services—  
 agreement with Morocco, 15311  
 modus vivendi with Iceland, 15326  
 International transportation, offenses and certain other acts committed on board, convention, implement, report, 13689  
 rural communities role (address), 13186  
 taxiways design standards for airports served, 14356  
 Air conditioning, special trade contractors, census of construction, industry, 1967, statistics, 13124  
 Air-cured tobacco, *see* Tobacco.  
 Air drop operations, airdrop of supplies and equipment, 13058  
 Air flow, *see* Flow.  
 Air Force:  
 all the way from the ground up, ROTC program, career information, 13025  
 medical planning for disaster preparedness, medical service, manual, 13018  
 officers, qualifying test, development and standardization of form K, 13014  
 Pacific, PACAF basic bibliographies, 13026-29  
 Thailand, servicemen's clubs, activities, allegations of kickbacks and other irregularities, hearing, 13714  
 Air Force Department:  
 Air Force manuals, 13015-19  
 Air Force pamphlets, 13020-21

Air Force Department—Continued  
 real property conveyance to Okaloosa County Board of Public Instruction—law, 13322  
 report, 13652  
 Air Force Human Resources Laboratory, technical reports, 13011-14  
 Air frames, *see* Airframes.  
 Air navigation, evaluation, in Northeast Corridor, 14361  
 Air piracy, convention on offenses and certain other acts committed on board aircraft, implement, report, 13689  
 Air pollution:  
 abatement by Federal facilities, report, 13561  
 air quality control region—  
 Federal facilities, Toledo, 14901  
 report for consultation, Chicago Interstate, 14904  
 conservation vs. pollution, 15201  
 control—  
 manpower and training needs, report, print as Senate document, report, 13681  
 Mid-Atlantic States Interstate compact, consent of Congress, report, 13643  
 large power plant effluent study [LAP-PES] instrumentation procedures, and data tabulations, 14903  
 slash fire atmospheric pollution, description, etc., 14475  
 Air Pollution Control Administration, *see* National Air Pollution Control Administration.  
 Air quality act, *see* Air pollution.  
 Air service, *see* Aeronautics.  
 Air taxi operators, *see* Air carriers.  
 Air traffic:  
 control—  
 contractions used by FAA, etc., handbook, change, 13030  
 en route, handbook, change, 13031  
 facility management, change, 13032  
 interrogation repetition frequency sets nonsynchronous for interrogations, methods for calculating and analyzing, 15081  
 Air traffic controllers, employment outlook, 14723  
 Air transportation, *see* Air carriers.  
 Air Weather Service, technical reports, 13022-24  
 Aircraft:  
 agricultural, operations, Federal aviation regulations, 14357  
 aircraft system performance and pilot ratings, relationships, 14833  
 automatic piloting, and flight control systems, problem of operational reliability, 14897  
 aviation safety is the art of flying (remarks), 15041  
 duty treatment of certain previously exported aircraft, report, 13406  
 excess, reclaiming usable parts, improvements needed, GAO report, 14504  
 fuselage, effect on ground crash fire on integrity, 14360  
 general aviation, pilot heart rate during in-flight simulated instrument approaches, 13089  
 improving use of cargo space on aircraft operated by contract with Defense Dept., GAO report, 14492  
 inspection and repair acceptable methods, techniques, and practices, 14355  
 manufacturing industry, employment outlook, 14717  
 sales in Latin America, hearings, 13507  
 scaling of VTOL recirculation effects, 14827  
 small, air taxi operators and commercial operators, 14357

# INDEX

- Aircraft—Continued**  
turboprop powered Mach 3 transport using methane fuel, turbine aerodynamic and cooling requirement, 14871  
V/STOL transport model with—  
four pod-mounted lift fans, wind-tunnel investigation, 14881  
six wing-mounted lift fans, wind-tunnel investigation, 14848  
X-24A lifting body aircraft aerodynamic characteristics, full-scale wind-tunnel investigation, 14874  
*See also* Fighter planes—also names of aircraft parts, e.g. Wings (aircraft).  
Aircraft accidents, reports, 15036-39  
Aircraft automatic pilots, automatic piloting of aircraft and flight control systems, problem of operational reliability, 14897  
Aircraft carriers, CVAN-70, attack carrier, study, subcommittee report, 13713  
Aircraft dispatchers, employment outlook, 14723  
Aircraft fuel, *see* Motor fuel.  
Aircraft mechanics, *see* Mechanics (persons).  
Aircrews, *see* Flight crews.  
Airdrop operations, *see* Air drop operations.  
Airfields, *see* Aviation fields.  
Airfoils, V/STOL transport model with 4 pod-mounted lift fans, wind-tunnel investigation, 14881.  
*See also* Wings (aircraft).  
Airframes, XB-70 structural mode control system design and performance analyses, 14810  
Airline stewardesses, *see* Stewardesses.  
Airmen, Navy airmen enlistees, military effectiveness, 14763  
Airplanes:  
commercial jet transport pilots, their vibration isolation during turbulent air penetration, 14811  
TFX contract investigation, hearings, 13739  
XB-70—  
structural mode control system design and performance analyses, 14810  
theoretical frequency response functions and power spectra response to atmospheric turbulence, 14824  
*see also* Fighter planes.  
Airports:  
Airport and airway revenue act of 1970, summary of Senate amendments, 13554  
public, affected by agreements with Federal Government, list, 14358  
taxiways design standards, airports served by air carriers, 14356  
user charges, imposition of tax, summary of Senate amendments, 13554  
*see also* names or places where located.  
Airsquares (streets, highways, etc.):  
use of airspace in District of Columbia, authorize leases, report, 13670  
Airways:  
Airport and airway revenue act of 1970, summary of Senate amendments, 13554  
user charges, imposition of tax, summary of Senate amendments, 13554  
Alabama, pollution of interstate waters of Escambia River basin, conference proceedings, 14401  
Alaska:  
county business patterns, 13158  
trans-Alaska pipeline, construction, appropriations, increase, hearings, 13534  
Alaska Power Administration, appropriations, 1971, public works, hearings, 13709  
Albacore, *see* Tuna fish.  
Albany, N.Y., New York State Education Department, sociological health problems, 14946  
Albany County, N.Y., community profile, 13830  
Albuquerque, N. Mex., land conveyance for recreational purposes, report, 13414  
Alcohol, *see* Alcoholism.  
Alcohol, Tobacco and Firearms Division, public use forms, 14605  
Alcoholism:  
Alcohol abuse and alcoholism prevention, treatment, and rehabilitation act of 1970, report, 13677  
alcohol safety countermeasures program, 14957  
Alcona County, Mich.:  
Black River harbor improvement, engineers report—  
departmental edition, 14303  
document edition, 13368  
Aldridge, Melvin D., investigation of optimum detection scheme for star-field mapping system, 14890  
Alexander, Charles P., Bredin-Archbold-Smithsonian survey of Dominica, Crane flies (Diptera, Tipulidae), 15161  
Alexandria, Va.:  
Fourmile Run, flood protection, engineers report—  
departmental edition, 14327  
document edition, 13367  
Alfalfa, potato leafhopper, control, 12986  
Algeria:  
Mauritania boundary, study, 15296  
Spanish Sahara boundary, study, 15295  
Alignment, portable alignment gyrocompass system, repeatability, accuracy, portability and errors, 14846  
Alkalies:  
alkalized-alumina, sorption of SO<sub>2</sub> and regeneration—  
fluidized-bed reactors, 14792  
mathematical evaluation, 14793  
All the way from the ground up, 13025  
Allamakee County, Iowa, community profile, 13831  
Allegheny, N.Y.:  
Allegheny River and Fivemile Creek, flood plain information, 14308  
floods how to avoid damage, 14321  
Allegheny County, N.Y., community profile, 13832  
Allegheny River and Valley, Allegheny, N.Y., flood plain information, 14308  
Allen, R. W., research on display scanning, sampling, and reconstruction using separate main and secondary tracking tasks, 14814  
Alligator juniper, *see* Cedar.  
Allison, Lewis J., monthly global atmospheric circulation characteristics as reflected in TIROS VII radiometric measurements, 14845  
Allotments (Army), *see* Pay, allowances, etc.  
Allowances, *see* Pay, allowances, etc.  
Alloys, procedures for analysis of metals, alloys, and other materials of research, change, 15061  
Alpine County, Calif., lands, hold in trust for Washoe Indians, law, 13336  
Altimetry, space geodesy altimetry, pulse compression radar study, 14822  
Alumina:  
alkalized alumina, sorption of SO<sub>2</sub> and regeneration—  
fluidized-bed reactors, 14792  
mathematical evaluation, 14793  
columns for selective removal of phosphorus from wastewater, operating parameters, 14406  
hot-pressed Al<sub>2</sub>O<sub>3</sub> fabrication and characterization, 15093  
polycrystalline aluminum oxide, phenomenological and statistical analysis of fracture, 14851  
Aluminum:  
tubing with various amounts of unidirectional boron/epoxy reinforcement, compressive and column strengths, 14877

Aluminum—Continued

wire and cable, foreign free world producers, directory, 13093  
 Aluminum oxide, see Alumina  
 AM series, 13088-89  
 Ambassadors, U.S., despatches, German States and Germany, 1799-1801, 1835-1906, pamphlet accompanying microcopy, 14909  
 Ambulance attendants, emergency medical technician-ambulance basic training program, instructor's lesson plans, 14958  
 Amend, Donald F., approved procedure for determining absence of infectious pancreatic necrosis (IPN) in certain fish and fish products, 15260  
 American Indians, see Indians  
 American Motors Corp., automotive soft trim, how imports might affect certain workers, Tariff Commission report, 15343  
 American Nuclear Society, international conference, special session on radioactivity calibration standards, proceedings, 14923  
 American policy, see International relations  
 American Revolution Bicentennial Commission:  
     appropriations, 1971—  
         amendment, report, 13644  
         law, 13335  
         report, 13645  
 American Samoa, county business patterns, 13174  
 Americans, designs for action for older Americans, 12959  
 Ames, L. L., alumina columns for selective removal of phosphorus from wastewater, 14406  
 Ammunition, see Cartridges  
 An Giang Province, Vietnam, resources inventory, 14301  
 Anadromous fishes, see Fish and fisheries  
 Analysis, see names of substances, etc., analyzed  
 Anderson, David B., floods of Apr.-May 1969 in upper Midwestern U.S., 14528  
 Anderson, Douglas, analysis of effect of design and measurement errors on pump performance parameters, 14868  
 Anderson, Gerald W., sweetfern rust on hard pines, 14445  
 Anderson, J., interactive specification of data displays, 14828  
 Anderson, John T., relief, 13272, 13591  
 Anderson, L. O., wood-frame house construction, 12974  
 Anderson, Ralph K., application of meteorological satellite data in analysis and forecasting, 14346  
 Anderson, Willard W., adaptive controller for space base spin plane orientation, 14878  
 Anderson, William W., life histories of several penaeid shrimps along south Atlantic coast of U.S., 13243  
 Andersonville National Historic Site, establish, report, 13458  
 Anderton, David A., America in space, first decade, aeronautics, 14836  
 Andrews, Edith W., scientific and technical personnel in industry, 14741  
 Angle of attack:  
     and bluntness, effects on hypersonic flow over 15° semiapex cone in helium, 14862  
     angle of attack plane of conical flows, approximation of distribution of flow properties, 14883  
 Angles, vector azimuth angles for unguided rockets, wind-weighting technique to predict velocity, 13038  
 Angola, see Portuguese West Africa  
 Anhydrators, see Dryers (Industrial)  
 Animals:  
     care of animals used for research, experimentation, exhibition, or held for sale as pets, hearings, 13491

Animals—Continued

myeloproliferative disorders, symposium proceedings, 13066  
     see also Wildlife  
 Anniston, Ala., loran tests, evaluation, 14349  
 Annosus root rot in eastern pines, 14444  
 Annuities:  
     railroad retirement act of 1937, annuities, increase—  
         law, 13344  
         report, 13432  
     see also Civil service pensions  
 Anomalies, geochemical and radiometric, Serpentine Hot Springs area, Seward Peninsula, Alaska, 14522  
 Ansley Wilcox House National Historic Site, historical data, 15030  
 Antarctic regions:  
     nautical charts and publications, catalog, 15051  
     Operation Deep Freeze, report, 15099  
 Antennas:  
     iterative technique for reducing sidelobes of circular and cylindrical arrays, 15085  
     scanning, phased arrays, phase interpolation circuits, 14854  
     60-ft. X-band microwave antenna—  
         computer system, hardware for data acquisition, NRL, 15090  
         operating procedures of computer control system, 15092  
 Anthony F. Miller, Inc., relief, 13269  
 Anthracnose, walnut, identification and control, 14446  
 Antitrust laws, see Trusts (Industrial)  
 Apollo Project, see Project Apollo (man-in-space program)  
 Apollo spacecraft, see Spacecraft  
 Apollo 13 Review Board, Apollo 13 mission review, hearing, 13705  
 Apostle Islands National Lakeshore:  
     establish—  
         hearings, 13523  
         report, 13470  
 Appalachian region:  
     erosion control on logging roads, 14473  
     special districts, natural resource, review of enabling laws, 14271  
 Appanoose County, Iowa, community profile, 13833  
 Apples:  
     marketing orders to include paid advertising, law, 13337  
     produced in Colorado, Utah, New Mexico, Illinois, and Ohio, marketing order authority, extend, law, 13316  
 Apportionments, congressional, methodology and procedures among States, 1970 census, report, 13427  
 Apprentices:  
     industrial plant and equipment maintenance trades, apprenticeship schedules, 13034  
     metal working trades, apprenticeship schedules, 13035  
 Apprenticeships, see Apprentices  
 Appropriations:  
     gap between Federal aid authorizations and appropriations, staff analysis, 12957  
     general Government matters, 1971, continue—  
         law, 13300  
         reports, 13394, 13639, 13674  
     legislative, 1971—  
         amendments, proposal, 13571  
         report, 13440  
     see also subjects or names of departments, etc., for which appropriations are made  
 Appropriations Committee, House:  
     hearings, 13492-493  
     reports, 13394, 13426  
 Appropriations Committee, Senate:  
     hearings, 13708-711  
     reports, 13639, 13645, 13674, 13697

# INDEX

- APT (automatically programmed testing), *see* Tools.
- Aptitude tests:  
 aptitude test performance affected by demographic differences, 13012  
 enlisted classification, development of improved aptitude area composites, 13059
- Aquatic life, heterotrophic and autotrophic populations in aquatic ecosystems, interrelation of carbon and phosphorus as means of regulating, 14413
- Arbelaez C., Vicente:  
 Spanish programmatic course, 15299  
 instructor's manual, 15300
- Arc cutters, employment outlook, 14714
- Arc welding, *see* Welders.
- Arches National Park, establish hearing, 13740
- Architect of Capitol:  
 appropriations, 1971, legislative, report, 13440  
 report, semiannual, 13562
- Architects, procurement of architect and engineer services by Federal Government, establish policy, hearing, 13522
- Architecture:  
 Georgetown architecture—northwest area, 14420  
 Washington, D.C., 15029  
 Georgetown commercial district, Washington, D.C., 15028  
 historic preservation program, 14574  
 hospital designs, quantitative methods for evaluating, 14953  
 PACAF basic bibliography, 13026
- Arctic Ocean, lights and fog signals, 15054
- Arctic regions, fire in far northern regions, bibliography, 14602
- Area handbooks:  
 Guatemala, 13053  
 Indonesia, 13052
- Area wage surveys, *see* Wages.
- Argentina:  
 defense, cooperative technical and scientific projects, agreement, 15315  
 economic trends and their implication for United States, 14629
- Arithmetic:  
 school achievement of children 6-11 years as measured by wide range achievement test, 14935  
 van der Waerden's theorem on arithmetic progressions, note, 15082
- Arizona:  
 conservation of hawks, 15198  
 conservation of owls, 15199  
 nongame birds, ways to attract, 15247  
 wilderness, designate certain lands, hearing, 13743
- Arkansas:  
 forest statistics for Delta and Ouachita regions, 14485  
 plant materials annual report of field plantings, 15222
- Arkansas River, Fort Dodge-Wilroads Gardens section, Dodge City, Kans., special flood plain information, 14332
- Arlington County, Va.:  
 Fourmile Run, flood protection, engineers report—  
 departmental edition, 14327  
 document edition, 13367
- Armed Forces:  
 aptitude area composites improved for enlisted classification, development, 13059  
 courts-martial, manual, analysis of contents, 13049  
 dependents—  
 handicapped, benefits, 14558  
 health care cost-sharing arrangements, report, 13694  
 freeze-drying food for Armed Services, 13045  
 health benefit program, review, hearings, 13495
- Armed Forces—Continued  
 life insurance, servicemen's group, increase, law, 13302  
 members, voluntarily extending tour of duty in hospital fire areas, special 30-day period of leave, extend authorization, report, 13637  
 military officer positions, improvements needed in determining graduate education requirements, GAO report, 14501  
 United States—  
 flags to be presented to parents of deceased veterans, report, 13693  
 use in foreign countries, background information, 13508  
*see also* Pay, allowances, etc.
- Armed Services, *see* Armed Forces.
- Armed Services Committee, House:  
 hearings, 13494-495, 13497  
 subcommittee print, 13713
- Armed Services Committee, Senate:  
 hearing, 13714  
 reports, 13637, 13652, 13657, 13661, 13691-694  
 subcommittee print, 13713
- Armed services papers, 13495-497
- Armor, Army aircrew protective armor in Vietnam, evaluation, 13044
- Army:  
 register, Jan. 1, 1970—  
 departmental edition, 13061  
 document edition, 13352
- Army Department:  
 appropriations, 1971—  
 civil functions, report, 13697  
 public works, hearings, 13709  
 high turnover of managers directing major research and development projects, GAO report, 14499  
 Natick Laboratories technical reports, 13041-47  
 pamphlets, 13048-53  
 technical bulletin, 13054  
 technical manuals, 13055-58
- Army Electronics Command, ECOM series, 13038-39
- Army Materiel Command:  
 AMC pamphlets, 13036-37  
 reports, register of approved recurring reports, 13036
- Army Medical Research and Development Command, medical research support, 13063
- Army National Guard, *see* National Guard.
- Army supplies, *see* Military supplies.
- Array theorem, *see* Antennas.
- Arrest:  
 criminal court data on pre-trial release of defendants, pilot study, 14924  
 juvenile detention care, State responsibility, 15391
- Art:  
 Leonard Baskin, evaluation of his life and work, 14948  
 works of art and other objects in United States Capitol, compilation, reprint as House document, report, 13631
- Artificial kidneys, program of National Institute of Arthritis and Metabolic Diseases, 3d annual contractors' conference, proceedings, 15098
- Artificial satellites, *see* Satellites.
- Artists, commercial, employment outlook, 14676
- Asbestos workers, employment outlook, 14695
- ASCS, *see* Agricultural Stabilization and Conservation Service.
- ASCS background information BI series, 12969
- Asia:  
 Pacific Coast, tidal current tables, 13209  
 South, market profiles, 13223  
 southeast—  
 background information, 13731  
 student views toward U.S. policy, hearings, 13517

Asia—Continued  
 southeast—continued  
 war, impact on U.S. economy, hearings, 13732  
 Assets and liabilities, *see* Banks and banking.  
 Assistance, *see* Public welfare.  
 Atkinson, Gary D., monthly resultant gradient-level-wind, 13023  
 Atlanta, Ga., area wage survey, 14733  
 Atlantic Coast:  
 North America, tidal current tables, 13208  
 south, life histories of several penaeid shrimps, 13243  
 Atlantic Ocean:  
 Atlantic albacore fishery, 13239  
 Atlantic deep-sea calanoid copepoda, 15162  
 middle, western region, fisheries, agreement with Poland, 15322  
 north, International Ice Patrol Service, report, 13213  
 northeast, upper and deep sound channel, 15044  
 Atlantic Oceanographic and Meteorological Laboratories, ESSA technical reports, ERL-AOML series, 14347  
 Atlantic States, Mid-Atlantic States air pollution control compact, consent of Congress, report, 13643  
 Atlases:  
 forest atlas of South, 14437  
 oral cytology, 15148  
 river basins of United States, drainage areas, land resource regions, etc., 15192  
 Atmosphere:  
 circulation research, examples of usefulness of satellite data, 14845  
 controlled atmosphere system laboratory studies on tomatoes, 13046  
 galactic cosmic-rays, calculation of dose and dose-equivalent rates to man in atmosphere, 13073  
 monthly global atmospheric circulation characteristics as reflected in TIROS VII radiometric measurements, 14845  
 nuclear submarine, chemical research in purification, progress report, 15073  
 Planet Jupiter, 14898  
 theoretical frequency response functions and power spectra of XB-70 response to atmospheric turbulence, 14824  
*see also* Mesosphere—Stratosphere.  
 Atmospheric Sciences Laboratory, ECOM series, 13038-39  
 Atoka County, Okla., Lower Clear Boggy Creek watershed, revised work plan for watershed protection and flood prevention, 15229  
 Atomic blasting:  
 cratering and contained events, contribution to analysis of seismic data, Project Schooner, 13078  
 nuclear cratering detonations, lidar observations of debris clouds, Project Boggy, 13085  
 nuclear explosives, engineering, symposium proceedings, 13069  
 Atomic energy:  
 cooperation for civil uses, agreement with Finland, 15328  
 cooperation, mutual defense purposes, agreement with Great Britain, 15303  
 role of public in development and regulation of nuclear power (remarks), 13087  
 western Interstate nuclear compact, granting consent of Congress, report, 13640  
 Atomic Energy Commission:  
 AEC research and development reports, 13065-86  
 AEC symposium series, 13066, 13068  
 appropriations, 1971—  
 authorizing, hearings, 13348  
 report, 13697

Atomic Energy Commission—Continued  
 Health and Safety Laboratory fallout program quarterly summary report, 13071  
 appendix, 13072  
 news release index, 13064  
 Atomic Energy Joint Committee, hearings, 13348-349  
 Atomic fuel, *see* Fuel.  
 Atomic power, *see* Atomic energy.  
 Attenuation, rain attenuation study for 15 GHz relay design, 15342  
 Attitude (inclination):  
 spacecraft attitude determination, application of limited memory estimators, analysis, 14835  
 Attitude control, *see* Spacecraft.  
 Attorneys, *see* Lawyers.  
 Auditing, preaward audits of contractors' noncompetitive price proposals, questionable waivers, GAO report, 14513  
*see also* for audit reports, names of corporations, etc.  
 Auditors, internal auditors, Internal Revenue Service, 14609  
 Audubon County, Iowa, community profile, 13834  
 Aurora County, S. Dak., community profile, 13835  
 Austin, John W., timber flows and utilization patterns in Douglas-fir region, 14474  
 Austin, W. G., field and laboratory tests for safety of dams investigation at Salt River Project, Ariz., 15146  
 Austin, Wayne W., soil conditioning rating indices for major irrigated and non-irrigated crops grown in western U.S., 15232  
 Australia:  
 background notes, 15280  
 economy, basic data, 13225  
 space research program, agreement, 15329  
 tracking stations, agreement, 15304  
 Austria:  
 background notes, 15281  
 economic trends and their implications for United States, 14617  
 Authors, writing occupations, employment outlook, 14685  
 Automatic data processing systems, *see* Electronic data processing systems.  
 Automatic pilots, *see* Aircraft automatic pilots.  
 Automatically programed testing, *see* Tools.  
 Automation:  
 automated fingerprint identification, 14926  
 automated multiphasic health testing, bibliography, 14366  
 Automobile accidents, *see* Motor vehicle accidents.  
 Automobile drivers, *see* Motor vehicle operators.  
 Automobile insurance:  
 assigned risk plans, study, 15361  
 automobile insurance and compensation study, 15354-356, 15359, 15361  
 economic regulation in U.S., 15357  
 insolvencies among automobile insurers, advisory report, 15358  
 motor vehicle assigned risk plans, report, 15359  
 selected automobile insurance markets, analysis of complaints, advisory report, 15354.  
 Automobile mechanics, *see* Mechanics (persons).  
 Automobile parts, *see* Automobiles.  
 Automobiles:  
 automobile salesmen, employment outlook, 14688  
 automotive soft trim, how imports might affect certain workers of American Motors Corp., Tariff Commission, report, 15343  
 parts countermen, employment outlook, 14704

# INDEX

Automobiles—Continued  
 personal injury claims, 15355  
 appendix, 15356  
 recent purchases and expectations to buy during months ahead, cars, houses, and other durables, survey data, 13177  
 service occupations, employment outlook, 14704  
 Automotive painters, *see* Painters.  
 Automotive vehicles, *see* Motor vehicles.  
 Avdeef, John A., relief, 13283, 13607  
 Aviation, *see* Aeronautics—Aircraft.  
 Aviation fields, unsurfaced forward-area airfields, evaluation of soil strength by use of ground vehicles, 14335  
 Aviation fuel, *see* Motor fuel.  
 Aviators:  
   commercial jet transport, their vibration isolation during turbulent air penetration, 14811  
   F-4 2d-seat crewmembers, proficiency difference between pilot and navigator, Southeast Asia evaluation, 13011  
   pilot ratings and aircraft system performance, relationships, 14833  
   pilots and copilots, employment outlook, 14723  
 Axial compression, buckling coefficients for simply supported, flat, rectangular sandwich panels under biaxial compression, 14467  
 Axial-load fatigue, *see* Strains and stresses.  
 Azimuth, velocity vector azimuth angles for unguided rockets, wind-weighting technique to predict velocity, 1303S

## B

Babies, *see* Infants.  
 Bachrach, Morton W., OE's new copyright policy, 14290  
 Background, experiment in performance contracting, 13823  
 Background notes, 15278-291  
 Bacteria and bacteriology, bacteria, the littlest cells, 15006  
 Bacterial warfare, *see* Biological warfare.  
 Baden, Margarita A.M., relief, 13383  
 Badlands, ranch house, furnishing plan, Theodore Roosevelt National Memorial Park, 15027  
 Baecher, Reynaldo C., relief, 13611  
 Bahamas, Cay Sal Bank, oceanographic investigation, 14347  
 Bail, criminal court data on pre-trial release of defendants, pilot study, 14924  
 Baker, Charles D., nomination, hearings, 13719  
 Baker Ranch, Glen Canyon National Recreation Area, history, 15024  
 Bakula, Richard G., biological data on chum salmon, *Oncorhynchus keta* (Walbaum) 1792, 13233  
 Balance of payments, improve by further promoting travel to United States, report, 13419  
 Balances, industrial plant equipment handbook, 13778  
 Ball bearings, *see* Bearings (machinery).  
 Balloons:  
   inflatable falling sphere density data, evaluation, 13039  
   jimsphere wind profiles as related to space vehicle design and operations, further study, 14832  
 Balsam fir, *see* Fir.  
 Baltimore, Md., passenger lists of vessels arriving, 1833-66, city lists, pamphlet to accompany microcopy, 14911  
 Baltimore County Board of Education, (Towson, Md.), selected drug education curricula, 14942  
 Bands, Federal item identification guide, 13780  
 Bandwidth, smooth limiting of two signals in narrowband system, 15094

Bankhead-Jones farm tenant act, *see* Agricultural credit.  
 Banking, *see* Banks and banking.  
 Banking and Currency Committee, House: hearings, 13499-13502  
 report, 13430  
 Banking and Currency Committee, Senate: hearings, 13715-716  
 reports, 13675, 13690, 13703  
 Bankruptcy, insolvencies among automobile insurers, advisory report, 15358  
 Bankruptcy Laws of U.S., Commission on, create, law, 13529  
 Banks, Bruce A., 1000-hour endurance test of glass-coated accelerator grid on 15-centimeter Kaufman thruster, 14859  
 Banks and banking:  
   assets, liabilities, commercial and mutual savings banks, 14365  
   Bank holding company act of 1956, amend report, 13690  
   banking, banks, bank clerks, tellers, bank officers, employment outlook, 14724  
   commercial banking, recent changes in structure, 14392  
   credit for purchasing or carrying margin stocks, regulations, supplement, 14395  
   foreign operations under Federal reserve act, regulations, amendment, 14393  
   institutional investors, effect on securities market, study, extend reporting date, report, 13480  
   time and savings deposits, changes, 14386-387  
 Barbour County, Ala., community profile, 13836  
 Barite, minerals yearbook chapter, 14772  
 Bark, beech bark disease, 14443  
 Barnes County, N. Dak., community profile, 13837  
 Bars (metal, etc.):  
   solid-state welding of TD-nickel bar, 14867  
 Bartell, Lindo J., classification and correlation of soils of Lake County, Fla., 15194  
 Baskin, Leonard, evaluation of his life and work, 14948  
 Bass, C. A.:  
   NRL Microwave Space Research Facility—  
     computer system hardware for data acquisition and control of 60-ft X-band antenna, 15099  
     operating procedures of computer control system for 60-ft. X-band antenna, 15092  
 Bass, largemouth bass and bluegill, pond management, 15224  
 Bates, Daniel W., preliminary designs of traveling screens to collect juvenile fish, 13246  
 Bayous, *see* names of bayous.  
 Beacons, lunar beacons used in lunar orbit estimation, 14865  
 Beadle County, S.Dak., community profile, 13838  
 Beall, F. C., thermal degradation of wood components, literature review, 14464  
 Beams, *see* Concrete beams.  
 Beans, dry, how to buy, 12983  
 Bear Valley, Idaho, quaternary geology, 14521  
 Beardsley, Grant L. jr., Atlantic albacore fishery, 13239  
 Beargrass Creek:  
   Jefferson County, Ky.—  
     flood plain information, 14309  
     floods, how to avoid damage, 14324  
 Bearings (machinery):  
   NRL-MB-20B, improved instrument ball bearing lubricant, 15086  
   self-acting thrust, optimization for load capacity and stiffness, 14886  
 Beaufort County, S.C., main drainage canals, requirements, feasibility study, 15206.

Beautification, urban beautification and improvement program, 14583  
 Beech, bark disease, 14443  
 Beef, in family meals, guide for consumers, 12981  
 Beetles:  
   Douglas-fir, general information, 14439  
   Japanese, in United States, 12975  
   lindane spray effective against mountain pine beetle in Rocky Mountains, 14463  
 Behavior, coping and adaptation, behavioral sciences bibliography, 15013  
 Behavioral Science Research Laboratory:  
   BESRL surveillance research, summary, 13060  
   technical research report, 13059-60  
 Belgium, income tax convention, text, etc., 13573  
 Bellmen, see Porters.  
 Bendel, Warren L., survey on photon activation analysis using NRL Linac, 15091  
 Bender, Chester R., nomination, hearing, 13719  
 Bendtsen, B. A., tables for developing non-parametric estimates for near minimum property values, 14466  
 Bennett County, S. Dak., community profile, 13839  
 Benson County, N. Dak., community profile, 13840  
 Bentley, Helen D.:  
   nomination, hearing, 13719  
   remarks—  
     July 11, 1970, 14372  
     Aug. 17, 1970, 14373  
 Benton County, Iowa, community profile, 13841  
 Bensene, benzenoid chemicals and products, imports, 15345  
 Benzenoid chemicals, see Benzene.  
 Bergner, Per-Erik E., theory of quantitative radiation-response time-data, 13076  
 Bernhardt, Audrey, cases decided in Court of Claims, 13773  
 Berry, Frederick H., walnut anthracnose, 14446  
 BES series, 15367  
 BESRL, see Behavioral Science Research Laboratory.  
 Bethune, Mary M., memorial in D.C., National Council of Negro Women to erect, extend time limit authorization, report, 13625  
 BI series, 12969  
 Biazzo, Lillian, relief, 13285, 13382  
 Bibb County, Ala., community profile, 13842  
 Bibliography:  
   architecture, building and engineering, 13026  
   automated multiphasic health testing, 14366  
   Census Bureau, methodological research, 13097  
   climate of cities, 14902  
   communications and electronics, 13027  
   coping and adaptation, behavioral sciences, 15013  
   drugstores, 15158  
   employee benefits and services, 13205  
   fire in far northern regions, 14602  
   guide for professional reading for officers of Navy and Marine Corps, 15057  
   insect-resistant packaging, 12960  
   Korea, 13028  
   management, literature survey, 14844  
   mass spectroscopy, 13074  
   mentally retarded children, selected reading suggestions for parents, 13185  
   mercury contamination in natural environment, 14604  
   North American geology, 14518-519  
   PACAF basic bibliographies, 13026-29  
   personnel bibliography series, 13205  
   personnel management, 13029

## Bibliography—Continued

potato diseases through 1945, with common and scientific names, 12995  
 radioactive occurrences in U.S., 13083  
 reactor safety, 13084  
 regional medical programs, 15149  
 saury, Pacific, 13244  
 small business, 15158  
 smoking and health, 15131  
 solid waste management, abstracts and excerpts, 15258  
 sprinkler irrigation, selections from foreign literature, 14603  
 thermal degradation of wood components, 14464  
 thermal degradation, oxidation, and analysis of high polymers, 13814  
 see also names of departments, etc., issuing lists of publications.  
 Billings County, N. Dak., community profile, 13843  
 Binding posts, see Posts.  
 Bio-acoustics, see Sound.  
 Biochemists, employment outlook, 14674  
 Biography, State Department biographic register, 15292  
 Biological physics:  
   national estuary study, additional support data for biophysical profiles—  
     departmental edition, 15265  
     document edition, 13355  
 Biological warfare, bacterial methods, prohibit use in war, protocol, 13574  
 Biology, International Biological Program, support of Congress, etc., report, 13676  
 Biometry, notes on biometry in medical research, supp., 15377  
 Biophysics, see Biological physics.  
 Bipolar, see Dipole moments.  
 Birds:  
   Great White Heron National Wildlife Refuge, list, 15273  
   Key West National Wildlife Refuge, list, 15273  
   Las Vegas National Wildlife Refuge, list, 15275  
   Moosehorn National Wildlife Refuge, list, 15272  
   Monte Vista National Wildlife Refuge, list, 15274  
   National Key Deer Refuge, list, 15273  
   non-game, ways to attract—  
     Arizona, 15247  
     Montana and Wyoming, 15248  
   Upper Mississippi River Wildlife and Fish Refuge, list, 15271  
 Birnbaum, A. H., summary of BESRL surveillance research, 13060  
 Birth control:  
   family planning for better health and happiness, 14588  
   family planning services and population research activities, expanding, improving, and better coordinating, report, 13653  
 Blachly, C. H., NRL-NB-20B, improved instrument ball bearing lubricant, 15086  
 Black, Ruth G., DHEW obligations to institutions of higher education, 1969 fiscal year, 14561  
 Black Butte project, integrate with Central Valley project, report, 13484  
 Black Hawk County, Iowa, community profile, 13844  
 Black River:  
   Alcona County, Mich., harbor improvement, engineers report—  
     department edition, 14303  
     document edition, 13368  
 Blades, effect of blade leading edge thickness on cavitation performance of 80.6° helical inducer in hydrogen, 14853  
 Blaine, R. L., early strength development in Portland cement pastes and mortars, 14914

# INDEX

- Blake, Lamont V., guide to basic pulse-radar maximum-range calculation, equations, definitions, and aids to calculation, 15006
- Blanchette, Guy A., citizenship conferred upon, posthumously, 13258, 13384
- Blind, Randolph-Sheppard Act, amend, hearings, 13752
- Blindness Statistics Model Reporting Area, see Model Reporting Area for Blindness Statistics.
- Blood pressure, renal disease and hypertension, Public Health Service cooperative study, conference proceedings, 14367
- Blount, Winton M., remarks, Aug. 21, 1970, 15113
- Blount County, Ala., community profile, 13845
- Blount County, Tenn., appraisal of potentials for outdoor recreational development, 15177
- BLS, see Labor Statistics Bureau.
- Blue-collar workers, prevailing rate pay systems, report, 13408  
see also Government officials and employees.
- Blue grouse, see Grouse.
- Blue Ribbon Defense Panel, report to the President and Secretary of Defense on Defense Dept. organization, structure, operations, etc., 13816
- Bluegills, pond management, 15224
- Blunt bodies:  
bluntness and angle of attack, effects on hypersonic flow over 15° semilapex cone in helium, 14862  
5-foot diameter (1.5m) attached inflatable decelerators, deployment and performance characteristics from Mach number 2.2-4.4, 14850  
radiating, nonadiabatic, equilibrium inviscid flow over blunt bodies, inverse-method solution, 14863
- Board of Regents of Smithsonian Institution, see Smithsonian Institution.
- Bockris, John O'M., study of ionic solvation, 14601
- Body and fender repairmen, employment outlook, 14704
- Bohon, Herman L., deployment and performance characteristics of 5-foot diameter (1.5m) attached inflatable decelerators at Mach numbers 2.2-4.4, 14850
- Bolivia, records of State Department, pamphlet accompanying microcopy, political relations, 1910-29, with other States, 14912
- Bolts and nuts, threaded studs, Federal item identification guide, change, 13795
- Boltzmann equations, see Equations.
- Bolum, D., high contrast cathode ray tube engineering report, 14819
- Bon Homme County, S. Dak., community profile, 13846
- Bonds:  
Coast Guard not requiring shipbuilders to buy insurance and performance and payments bonds as means of reducing cost of vessel construction, GAO report, 14510  
TVA powerplant projects financing, increase amount issued—  
hearing, 13759  
report, 13412
- Bone, Sadie M., foreign trade regulations, 13229
- Bones, James T., veneer industry in Northeast, 14484
- Bones, methods of mineral measurement, progress, conference proceedings, 15007
- Bonneville Dam, fish passage report, 14302
- Bonneville Power Administration:  
annual report, 13090  
appropriations, 1971, public works, hearings, 13709
- Bookbinders, employment outlook, 14712
- Bookbinding, census of manufactures, 1967, industry statistics, 13149
- Bookkeepers, bookkeeping workers, employment outlook, 14086
- Books (talking), see Talking books.
- Boone County, Iowa, community profile, 13847
- Boots and shoes, protective footwear of rubber or plastics, etc., Tariff Commission report, 15346
- Borbridge, John, jr., relief, 13583
- Born, George H., application of Brouwer's artificial satellite theory to computation of state transition matrix, 14875
- Boron, boron/epoxy reinforcement of aluminum tubing in various amounts, compressive and column strengths, 14877
- Botanic Garden, appropriations, 1971, legislative report, 13440
- Botswana, special study mission report, print additional copies, report, 13634
- Bottineau County, N. Dak., community profile, 13848
- Boundaries:  
international boundary study, 15295-297 studies—  
Algeria-Mauritania, 15296  
Algeria-Spanish Sahara, 15295  
Iraq-Syria, 15297
- Bowman County, N. Dak., community profile, 13849
- Brackish water, see Water.
- Bradley, Joseph N., hydraulics of bridge waterways, 15135
- Bradley County, Tenn., appraisal of potentials for outdoor recreational development, 15178
- Brain, malignant diseases, research, 14932
- Brakes, nonfriction braking systems for high-speed trains, 14381
- Bransford, Mildred B., calculation procedure for heat transfer to gas-solid suspension from externally heated tube, 14775
- Braun, Kurt, labor law and practice in Japan, 14662
- Breakers, see Waves.
- Breast feeding, your baby, general information, 13182
- Bredin-Archbold-Smithsonian biological survey of Dominica, 15161
- Breeder reactors, see Reactors (atomic).
- Bremer County, Iowa, community profile, 13850
- Brewster County, Tex., Sanderson Canyon Watershed, work plan for watershed protection and flood prevention, 15246
- BRH, see Radiological Health Bureau.
- Bricklayers, employment outlook, 14696
- Bridges, waterways, hydraulics, 15135  
see also names of bridges.
- Brimmer, Andrew F., remarks, July 23, 1970, 14388
- Brines:  
disposal by solar evaporation—  
design criteria, 14598  
field experiments, 14597
- Briscoe, C. B., establishment and early care of sycamore plantations, 14481
- Broadcasting, see Television.
- Broilers, see Poultry.
- Brokers:  
credit, regulations, supplement, 14394  
registered brokers and dealers and members of national securities exchange, insure to protect customers, hearings, 13715
- Bronx County, N.Y., community profile, 13851
- Brookings County, S. Dak., community profile, 13852
- Brookings County, N.Y., community profile, 13853
- Brother . . . don't pass it on (poster), 15011
- Brotman, Richard, youthful drug use, 15392
- Brou, Claire E., relief, 13619

Brown, Earl S., relief, 13278, 13599  
 Brown, Jack, relief, 13261-13587  
 Brown, Lenard E., Baker Ranch, Glen Canyon National Recreation Area, history, 15024  
 Brown, Thomas A., plant materials annual report of field plantings, Arkansas, 15222  
 Browna County, Ohio, community profile, 13854  
 Brown County, S. Dak., community profile, 13855  
 Brown recluse spider, general information, 13247A  
 Brule County, S. Dak., community profile, 13856  
 Brushes (electric machinery):  
   electric contact brush, holder, Federal item identification guide, 13787  
 Bryan County, Okla., Lower Clear Boggy Creek watershed, revised work plan for watershed protection and flood prevention, 15229  
 Bryson, J. O., flexural behavior of pre-stressed concrete composite tee-beams, 14915  
 Buchanan County, Iowa, community profile, 13857  
 Buckling, *see* Strains and stresses.  
 Budget of United States:  
   1971—  
     amendments, proposal, 13564  
     status, scorekeeping report, 13555-557  
 Buena Vista County, Iowa, community profile, 13858  
 Buffalo County, S. Dak., community profile, 13859  
 Buggy project, *see* Project Buggy (plowshare program).  
 Builders, operative, census of construction industry, 1967, statistics, 13143  
 Building:  
   accelerating construction and reducing cost of low-rent housing opportunity, GAO report, 14509  
   construction of low-rent public housing projects, strengthening of concrete inspections and testing requirements, GAO report, 14508  
   construction reports, residential alterations and repairs, 13157  
   general contractors, census of construction industry, 1967, statistics, 13122  
   house construction, how to reduce costs, 12982  
   housing and building research and development, Federally financed, catalog, 14572  
   military construction, use of advertised contracting in survey, GAO report, 14516  
   PACAF basic bibliography, 13026  
   technology and housing research activities of Federal Government, report, 15156  
   wood-frame house construction, 12974  
 Building machinery, installation or erection of building equipment, census of construction industry, 1967, statistics, 13140  
 Building science series, 14914-915  
 Buildings:  
   Historic American Buildings Survey selections, 14420, 15028-29  
   historic preservation program, 14574  
   with fallout protection, design case study DCS series, 13187  
   *see also* Public buildings.  
 Bullards Bar Recreation Area, general information, 14427  
 Bulletins, *see* names of department, etc., issuing bulletins—*also* subjects.  
 Bullock County, Ala., community profile, 13860  
 Buncombe County, N.C., community profile, 13861  
 Burgess, Isabel A., remarks, Aug. 15, 1970, 15041  
 Burgess, Jackie D., relief, 13608

Burke County, N.C., community profile, 13862  
 Burke County, N. Dak., community profile, 13863  
 Burleigh County, N. Dak., community profile, 13864  
 Burley tobacco, *see* Tobacco.  
 Burma, mineral industry, minerals yearbook chapter, 14782  
 Burwell, Edward L., gas flood efficiency improvement by polymer injection, 14798  
 Bus drivers, *see* Motorbus driver.  
 Bus mechanics, *see* Mechanics (persons).  
 Bush, Joseph C., industry wage survey, machinery manufacturing, 14737  
 Business:  
   American political environment best for growth (address), 13216  
   census, 1967, retail trade merchandise line sales, 13099-121  
   county business patterns, CBP series, 13158-174  
   economy at midyear 1970, with industry projections for 1971, 13092  
   establishing in Saudi Arabia, 13228  
   oversens business reports, 15218-239  
   private programs assisting minority business enterprise, directory, 13217  
   small business  
     bibliographies, 15158  
     impact of crime, hearings, 13761  
     starting and managing series, 15150  
     venture capital financing, guide, 13218  
 Business men:  
   JOBS '70, introducing programs to help you, 14655  
   rural and urban problems of small businessmen, hearings, 13544  
 Butler County, Ala., community profile, 13865  
 Butler County, Iowa, community profile, 13866  
 Butte County, S. Dak., community profile, 13867  
 Buyers, *see* Purchasing agents.  
 Buying, *see* Purchasing.  
 By-products, *see* Waste products.

## C

C.F.S. series, 13231-232  
 Cabarrus County, N.C., community profile, 13868  
 Cabbage, caterpillars, pathogens and chemicals tested against, 13002  
 Cabinet Committee on Opportunities for Spanish-Speaking People:  
   appropriations, 1971—  
     report, 13426  
   waiving points of order, report, 13429  
 Cables:  
   aluminum, foreign free world producers, directory, 13093  
   shape towed in circular path, 15075  
 Cagle, Caroline H., changes in time and savings deposits, 14386-387  
 Calanoida, Atlantic deep-sea calanoid copepoda, 15162  
 Calcium and calcium compounds, minerals yearbook chapter, 14773  
 Calculations, *see* Numerical calculations.  
 Calhoun County, Ala., community profile, 13869  
 Calhoun County, Iowa, community profile, 13870  
 Calibration:  
   calibration and test services of National Bureau of Standards, supplement, 14920  
   precision measurement and calibration, electricity-radio frequency, 14922  
   radioactivity, standards, special conference session, proceedings, 14923  
 Calibrators, laser used for transmissometer calibrator, evaluation, 15340

# INDEX

- California:
  - census of business, 1967, retail trade, merchandise line sales, 13099
  - climate, 14340
  - current region 2, Pacific saury, seasonal and geographic characteristics of fishery resources, 13240
  - electric rate book, 14376
  - ground water occurrence, summary, 14541
  - Lake Tahoe basin, general information, 14556
  - Lake Tahoe national lakeshore, establish, study, report, 13465
  - nursing home care and prescribed drugs under medicaid program, continuing problems in providing, GAO report, 14497
  - Pacific slope basins, surface water quality, 14555
  - resources, tomorrow's challenge, what's ahead for our land and people, 15193
  - soils and people, cooperative soil surveys, facts about what they can do for you, 15237
  - southern, water quality in offshore submarine basins, 14419
  - upper Precambrian and lower Cambrian strata in southern Great Basin, 14535
  - water resources development by Engineers Corps, Army, 14333
- California quail, *see* Quail.
- Call for cooperation, message from the President, 15118
- Calvert, Ruth E., relief, 13581
- Calves, calf crop, 1970 statistics, 15336
- Calvesbert, Robert J., climate of Puerto Rico and Virgin Islands, 14341
- Cambodia:
  - hostilities, governments participating in treatment of prisoners of war relative to Geneva Convention, with reservations, if any, 13511
  - refugee and civilian war casualty problems, hearing, 13749
- Camden County, N.C., community profile, 13871
- Campaign Expenditures, Special Committee to Investigate, House, expenses, report, 13447
- Campbell, Richard A., performance of twin gyro attitude control system including passive compensation and nonlinear control law, 14855
- Campbell County, S. Dak., community profile, 13872
- Campus Unrest, President's Commission on, *see* President's Commission on Campus Unrest.
- Canada:
  - ionospheric research by satellites, agreement, 15317
  - market profiles, 13221
  - reciprocal fishing privileges, agreement, 15313
  - social science research, special papers available, 15293
- Canada geese, habitat management, 15210
- Canal Zone:
  - code, amend—
  - law, 13330
  - report, 13661
  - geology and paleontology, 14534
- Canal Zone Government:
  - cash relief payments to former employees to provide cost of living adjustments, amend Canal Zone code—
  - law, 13330
  - report, 13661
- Canals, main drainage canals, Beaufort County, S.C., requirements, feasibility study, 15206
- Candy, *see* Confectionary.
- Cane sugar, *see* Sugar.
- Canned foods, census of manufactures, 1967, industry statistics, 13145
  - see also* names or classes of foods canned.
- Cannon, Robert H., Jr., nomination, hearing, 13719
- Cape Girardeau, Mo., Mississippi River and Cape LaCroix Creek, flood plain information, 14314-315
- Cape LaCroix Creek, Cape Girardeau, Mo., flood plain information, 14314-315
- Capellen, J., bibliography of mass spectroscopy literature for last half of 1967 compiled by computer method, 13074
- Capital, venture capital financing, guide, 13218
- Capitol, works of art and other objects, compilation, reprint as House document, report, 13631
- Capitol Reef National Park, establish, hearing, 13740
- Capp, John P., fly ash utilization, summary of applications and technology, 14779
- Caps, caps and plugs, Federal item identification guide, 13781
- Carbon:
  - interrelation with phosphorous in regulating heterotrophic and autotrophic populations in aquatic ecosystems, 14413
  - powdered carbons for waste water treatment, methods of application, 14414
  - spent granular activated carbon, regeneration, 14405
- Carbon dioxide, desorption, from three-component solution, 15065
- Carbon monoxide, dangers, safety measures, etc., 13247B
- Careers, *see* Civil service—Occupations.
- Carex, *see* Sedges.
- Cargo, *see* Shipments.
- Caribbean area:
  - Communist threat to U.S. hearings, 13744
- Cuba and Caribbean region, U.S. security posture, hearings, 13510
- market profiles, 13222
- Carices, *see* Sedges.
- Carpentry, carpentering, special trade contractors, census of construction industry, 1967, statistics, 13130
- Carriers:
  - Interstate commerce act, amend, hearings, 13721-722
  - motor common carriers and common carriers by rail, express, and water, establish through rates and joint rates, hearings, 13721
- Carroll County, Iowa, community profile, 13873
- Cars, *see* Automobiles.
- Carson, Thomas M., use of lunar beacons in lunar orbit estimation, 14865
- Carson Ranger District, Tolyabe National Forest, general information, 14480
- Carter County, Okla., appraisal of outdoor recreational potentials, 15176
- Cartridges, weapon, Federal item identification guide, 13782
- Casper, Wyo., Sage Creek, flood plain information, 14310
- Cass County, Iowa, community profile, 13874
- Cass County, N. Dak., community profile, 13875
- Cassidy, R. J., nonfriction braking systems for high-speed trains, 14381
- Casualties, *see* Civilians.
- Cataloging:
  - cataloging manual M (series), 13775-776
  - MARC [machine readable cataloging] format for maps, data elements, etc. for magnetic tapes, 14754
  - supply cataloging, Federal manual, operating procedures, 13775
- Catalogs:
  - copyright entries, 13770
  - Federal domestic assistance programs, 13824
  - Federal supply catalog, consolidated master cross reference list, 13802

## Catalogs—Continued

- federally financed housing and building research and technology, 14572  
 HEW State administered formula grant programs, 14559  
 Illustrated Paleozoic plant specimens in National Museum of Natural History, catalog, 15100  
 medical and veterinary zoology, 12963  
 National Bureau of Standards standard reference materials, supplement, 14921  
 nautical charts and publications, region 2, Central and South America and Antarctica, 15051  
 Staff College, civil defense, 13192  
 Caterpillars, cabbage, pathogens and chemicals tested against, 13002  
 Cathode ray tubes, high contrast, engineering report, 14819  
 Cations, *see* Ions.  
 Cattaraugus County, N.Y., community profile, 13876  
 Cavalier County, N. Dak., community profile, 13877  
 Cavitation, performance of 80.6° helical inducer in hydrogen, effect of blade leading edge thickness, 14853  
 Cay Sal Bank, Bahama Islands, oceanographic investigation, 14347  
 Cayuga County, N.Y., community profile, 13878  
 Cedar County, Iowa, community profile, 13879  
 Cedar, tree and sawyer factors effects on costs of felling large alligator junipers, 14478  
 Celestial mechanics, relativistic equations of motion of artificial earth satellite, integration, 14594  
 Cello-Mead Transmission Line Project, *see* Pacific Northwest-Pacific Southwest Intertie.  
 Cellulose, ester membranes, research and development, 14595  
 Cement, Portland, pastes and mortars, early strength development, exploratory studies, 14914  
 Cement masons, *see* Masons.  
 Census:  
   business, 1967, retail trade, merchandise line sales, 13099-121  
   census 1970—  
     congressional and State redistricting, availability of data, 13098  
     decennial population, and congressional apportionment, report, 13427  
     construction industries, 1967, industry statistics, 13122-145  
     data access descriptions, 13178  
     housing, 1970, printed reports, data access description, 13178  
     manufactures, 1967—  
       industry statistics, 13144-152  
       special reports, 13153-154  
     transportation, 1967, final volumes, 13155-156  
   Census Bureau:  
     fact finder for nation, 13096  
     methodological research, 1969, papers and reports, list, 13097  
 Central African Republic, background notes, 15278  
 Central America:  
   cotton, 14424  
   nautical charts and publications, catalog, 15051  
   progress and problems in U.S. aid to economic unification, GAO report, 14511  
 Central Dakota Nursing Home, land conveyance, report, 13638  
 Central States, Forest Tree Improvement Conference, 6th, Oct. 16-18, 1968, proceedings, 14457  
 Central Valley project, Black Butte project, include, report, 13484

Centrifugal compressors, *see* Compressors.

- Ceramics:  
   ceramic-metal bore seal development, 14816  
   welding, techniques, 15084  
 Cerro Gordo County, Iowa, community profile, 13880  
 Cesium, low-temperature cesium-vapor diode, voltage breakdown, 14852  
 Ceylon, background notes, 15279  
 Chad, economic trends and their implications for United States, 14643  
 Chamberlain, Edwin, isothermal compressibility of frozen soil and ice to 30 kilobars at -10°C, 14305  
 Chambers County, Ala., community profile, 13881  
 Champaign County, Ohio, community profile, 13882  
 Chandler, Russell L., relief, 13282, 13606  
 Channels:  
   upper and deep sound channel in northeast Atlantic, 15044  
   why improve, 15254  
 Chaplains, Navy chaplains bulletin, 15059  
 Characters (graphic symbols):  
   character recognizers for data display and analysis, 14830  
 Charles Mix County, S. Dak., community profile, 13883  
 Charts, *see* subjects.  
 Chase, Clarence D., growing timber resource of Michigan, 14482  
 Chautauqua County, N.Y., community profile, 13884  
 Chavez, Jesse R., stereocomparator coordinate reduction, 15137  
 Chebyshev polynomials, *see* Polynomials.  
 Chemical industries, *see* Chemicals.  
 Chemical processing plants, *see* Chemicals.  
 Chemicals:  
   characteristics of natural water, study and interpretation, 14549  
   gum and wood, census of manufactures, 1967, industry statistics, 13150  
   industrial chemical industry, employment outlook, 14719  
   investment and operating costs for chemical and petroleum plants, bibliography, 14776  
   nuclear submarine atmosphere purification, chemical research, progress report, 15073  
   *see also* Organic compounds—also names of chemicals.  
 Chemistry, *see* Industrial chemistry.  
 Chemung County, N.Y., community profile, 13885  
 Chenango County, N.Y., community profile, 13886  
 Cherokee County, Ala., community profile, 13887  
 Cherokee County, Iowa, community profile, 13888  
 Cherokee Indians, Oklahoma, land conveyance to, report, 13482  
 Cheyenne, Wyo., Crow Creek, flood plain information, 14311  
 Chicago, Ill., interstate air quality control region, report for consultation, 14904  
 Chickasaw County, Iowa, community profile, 13889  
 Child development, *see* Children.  
 Child life, *see* Children—Clearinghouse for Research in Child Life.  
 Child study, *see* Children.  
 Children:  
   aid to families with dependent children financial assistance, provide basic level—  
     brief summary of act, 13548  
     related material, 13727  
   children's and young adult services in public library systems serving from 100,000 people, coordinators, 1970 directory, 14277

## INDEX

### Children—Continued

- disadvantaged—
  - education, evaluation of title 1, Elementary and secondary education act, 14280
  - performance contracting experiment, on improving education background, 13823
- handcapped, better education, 1969 fiscal year, annual report, 14275
- mentally retarded, reading suggestions for parents, 13185
- people power for children, 14292
- preprimary enrollment, 14293
- protection from hazardous substances by child-resistant packaging, hearing, 13527
- research programs, studies in progress, 13184
- sex-oriented mail, protection of minors and rights of privacy—
  - hearings, 13530
  - report, 13439
- success in early counseling, 14276
- talking books for very young readers, 14756
- years 6-11, school achievement as measured by reading and arithmetic subtests of wide range achievement tests, 14935
- see also* Day care of children.
- Children's Bureau :
  - folder series, 13182
  - publication, 13183
- Chile :
  - economic trends and their implications for United States, 14633
  - national hydrologic data system, design and development, 14531
- Chilton County, Ala., community profile, 13890
- China :
  - Communist—
    - education of national minorities, 14279
    - mainland, mineral industry, minerals yearbook chapter, 14785
  - Chiropody, Health training improvement act of 1970, report, 13651
  - Chlorinator, aerofeed hypochlorinator, series WF, evaluation, 14434
  - Choctaw Indians, tribal assets, final disposition, report, 13702
  - Chocolate, *see* Confectionery.
  - Choctaw County, Ala., community profile, 13891
  - CHScene, notes from Community Health Service, 13248
  - Chudnoff, M., preservative treatments and service life of fence posts in Puerto Rico, 14470
  - Chukars, *see* Partridges.
  - Chum salmon, *see* Salmon.
  - CI series, 15196
  - Ciarrocchi, Joyce D., Index to passenger lists of vessels arriving at Baltimore (city passenger lists), 1833-66, 14911
  - Cigars, tax rates on large cigars, adjust, report, 13398
  - Circuit Courts of Appeals, circuit executive, provide for appointment for each judicial circuit, hearing, 13533
  - Circuits, phase interpolation circuits for scanning phased arrays, 14854
  - Circulars, *see* names of departments, etc., issuing circulars.
  - Cities and towns :
    - area wage surveys, occupational earnings, interstate pay compensation, and wage trends, 14665
    - climate, survey of recent literature, 14902
    - coordinators of children's services and young adult services in public libraries serving from 100,000 people, 1970 directory, 14277
    - environmental and sociological quality of urban life, hearings, 13501
    - government finances, 13179

### Cities and towns—Continued

- Housing and urban development act of 1965, amend, report, 13457
- land planning and community development, resource data on soils, Creswell area, Oreg., 15228
- model cities—
  - continued planning and evaluation, sample work plan for first action year, 14580
  - step towards new Federalism, 15121
- municipal waste treatment plants, need for improved operation and maintenance, Federal Water Quality Administration, GAO report, 14505
- nutrition and human needs, urban crisis, hearings, 13756
- powdered carbons for waste water treatment, methods of application, 14414
- precipitation, persistence at 108 cities in conterminous United States, 14344
- sediment problems in urban areas, 14526
- small businessmen's problems, hearings, 13544
- statewide community organization for the aged, project report, 12959
- transportation resource allocation study (TRANS), summary report, development of prototype model, 15138
- urban beautification and improvement program, 14583
- urban renewal program, eliminate causes of lead-based paint poisoning, provide Federal assistance, hearings, 13502
- urban transportation planning system 360, program documentation, 15136
- see also* Redevelopment (city planning, etc.).
- Citizen's Advisory Council on Status of Women, endorsement of equal rights amendment to U.S. Constitution, 14591
- Citizenship Day, bulletin, 14584
- City planners, urban planners, employment outlook, 14684
- Civil aviation, *see* Aeronautics.
- Civil defense, *see* Civilian Defense.
- Civil Defense Office :
  - leaflets, 13199
  - miscellaneous publications MP series, 13191-192
  - publications index, 13191
  - Staff College, Battle Creek, Mich., catalog, 13192
- Civil Rights Commission :
  - appropriations, 1971—
    - hearings, 13708
    - increase, authorization, reports, 13433, 13654
  - general information, 13193
- Civil service :
  - career opportunities for veterans, 13201
  - examination announcements—
    - current, 13197-A
    - firefighter, amdt., 13195
    - technicians in engineering and physical science, amendment, 13196
  - Federal jobs overseas, 13200
  - handbook, 13197
  - qualification standards for white collar positions under general schedule, 13197
  - job grading standard—
    - leader, 13198
    - supervisors, 13199
  - minority group employment in Federal Government, preliminary report, 13203
  - personnel bibliography series, 13205
  - supervisory grade-evaluation guide, and qualification standard, 13206
- Civil Service Commission :
  - ADP Management Training Center, scope, faculty, methods, etc., 13194
  - pamphlets, 13200-203

# OCTOBER 1970

## Civil service pensions:

annuities and survivors benefits, change, requirements, reports, 13538, 13695  
Federal classified and postal employees, retirement annuity increases, 13539  
retirement act, amend, reports, 13538, 13695

Civil War, 1861-65, military operations, official records of Union and Confederate Armies, guide-index, main eastern theater, comprehensive index, 14907

## Civilian defense:

civil defense film, in time of emergency, general information, 13190  
FG series, 13189  
industrial management, preparation for wartime and peacetime in industry, 13189

Civilians, war casualty problems in Laos and Cambodia, hearing, 13749

Claiborne County, Tenn., appraisal of potentials for outdoor recreational development, 15179

## Claims:

against nonappropriated fund activities of U.S., jurisdiction of U.S. courts, law, 13325  
automobile personal injury claims, 15355  
appendix, 15356  
foreign claims certified to Congress, partial payments, amend U.S. Code, report, 13642

Clark County, S. Dak., community profile, 13892

Clarke, James W., bibliography of North American geology, 14518

Clarke, W. J., myeloproliferative disorders in men and animals, 13066

Clarke County, Ala., community profile, 13893

Clarke County, Iowa, community profile, 13894

Clary, Robert R., measured and predicted longitudinal vibrations of liquid propellant two-stage launch vehicle, 14882

## Classification:

act of 1949, qualification standards, 13197  
Government publications available to depository libraries, list of classes, 15124  
*see also* names of substances, objects, etc., classified.

Classification tests, *see* Aptitude tests.

Clay County, Ala., community profile, 13895

Clay County, Iowa, community profile, 13896

Clay County, S. Dak., community profile, 13897

Clayton County, Iowa, community profile, 13898

Clayton County Journal, relief, 13270, 13588

Clearinghouse for Research in Child Life, research relating to children, 13184

Cleary, Joseph W.:

approximation of distribution of flow properties in angle of attack plane of conical flows, 14853  
effects of angle of attack and bluntness on hypersonic flow over 15° semialex cone in helium, 14862

Cleburne County, Ala., community profile, 13899

Clerks, hotels, front office clerks, employment outlook, 14726  
*see also* Postal clerks—Receiving clerks—Shipping clerks.

Cleveland, Ohio, Hopkins Airport, access study, survey results, 15362

Clevls. Federal item identification guide, 13797

## Climate:

cities, survey of recent literature, 14902  
climatology of United States, climates of States, 14340-341  
monthly global atmospheric circulation characteristics as reflected in TIROS VII radiometric measurements, 14845

## Climate—Continued

probabilities of hot and cool days sequences hot spells in Nevada, Markov chain models, 14345

Clinics, Veterans Administration, career opportunities, professional social workers, social work associates, graduate training, 15379

Clinton County, Iowa, community profile, 13900

Clinton County, N.Y., community profile, 13901

Clips, electrical, military standard, 13807

Closures, covers and doors, access, Federal item identification guide, 13784

## Clouds:

debris, from nuclear cratering detonations, lidar observations, Project Buggy, 13085

special cloud content study, Project Buggy, 13077

tropics, mean-cloudiness and gradient-level-wind charts, 13023

Cloutier, Roger J., medical radionuclides, radiation doses and effects, symposium proceedings, 13068

Crown Week, National, *see* National Clown Week.

Clubs, *see* Service clubs.

Clutter, *see* Radar.

## Coal:

conversion of coal into liquids, Project Western Coal, 13207

gas-solid suspension, heat transfer to, from externally heated tube, calculation procedure, 14775

grindability, prediction from exploration data, 14795

Coal County, Okla., Lower Clear Boggy Creek watershed, revised work plan for watershed protection and flood prevention, 13229

Coal Research Office, research and development reports, 13207

Coalring Canal, designate, law, 13311

## Coast Guard:

AMVER system, 13211

Assistant Commandant with rank of vice admiral, nomination of Thomas R. Sargent, hearings, 13719

auxiliary membership qualification guide, 13212

bulletin, 13213

Commandant, nomination of Chester R. Bender, hearings, 13719

oceanographic report, 13215

officers, interservice transfers, amend U.S. Code, report, 13692

opportunity to reduce cost of vessel construction by not requiring shipbuilders to buy insurance and performance and payment bonds, GAO report, 14510

policy and operations with respect to foreign vessel activities in or near U.S. waters off Florida, hearings, 13744

rear admiral, nominations of James A. Palmer, Ellis L. Perry, John F. Thompson, Jr., Edward D. Schelderer, and Albert A. Heckman, hearing, 13719

Coast Guard Auxiliary, motorboat examination program, courtesy examiners handbook, 13214

Coastal Plains, south Georgia, conservation irrigation guide for design of sprinkler irrigation system, 15197

Coated fabrics, *see* Textiles.

Coating materials, protective, evaluation of concrete and related materials for desalination plants, progress report, 15144

Cochise County, Ariz., Perilla Mountain watershed, watershed work plan, 15245

## Cocks (plumbing):

drain cocks, and valves, general purpose, Federal item identification guide, change, 13798

# INDEX

- Codes:**  
 Federal general data standard, representations and codes—  
 counties and county equivalents of States of United States, 14918  
 States and outlying areas of United States, 14917  
*see also* subjects.
- Codes of law, *see* subjects.**
- Codington County, S. Dak., community profile, 13902**
- Coefficients, buckling, for simply supported, flat, rectangular sandwich panels under biaxial compression, 14467**
- Coelho, George V., coping and adaptation, behavioral sciences, bibliography, 15013**
- Coffee County, Ala., community profile, 13903**
- Coffee County, Tenn., appraisal of potentials for outdoor recreational development, 15180**
- Cohen, Jerry J., special cloud content study, Project Buggy, 13077**
- Cohen, Malcolm S., micro model of labor supply, 14664**
- Coils, *see* Electric coils.**
- Colbert County, Ala., community profile, 13904**
- Cold regions, science and engineering, engineering monograph series, 14306**
- Cold Regions Research and Engineering Laboratory, technical reports, 14304-5**
- Coleman, H. P., iterative technique for reducing sidelobes of circular and cylindrical arrays, 15085**
- Collection, evaluation, and processing series, 13178**
- Colleges and universities:**  
 Black, relationship with Federal agencies, 14371  
 DHEW obligations to institutions of higher education, fiscal year, 14561  
 Federal support, 1969 fiscal year, 15035  
 financial statistics, 1965-67, commentary on endowment, 14255  
 graduate education requirements for military officer positions, improvements needed in determining, GAO report, 14501  
 graduate social work education, cost and output, exploratory study, 15163  
 higher education, opening fall enrollment, advance statistics, basic information, 14258  
 HUD's college housing program, guide, 14575  
 library statistics, data for individual institutions, 14288  
 placement officers, employment outlook, 14677  
 Sea-grant college and program act of 1966, amend—  
 law, 13324  
 report, 13655
- Collings, M. R., hydrology of 4 streams in western Washington related to Pacific salmon species, 14529**
- Collis, Ronald T. H., lidar observations of debris clouds from nuclear cratering detonations, 13085**
- Collisions, *see* Motor vehicle accidents.**
- Collisions (electronic):**  
 ion-polar-molecule collisions, computer-made motion pictures and time history plots, 14849
- Colorado:**  
 apples, marketing order authority, extend, law, 13316  
 basin, carices, manual, 12977  
 census of business, 1967, retail trade, merchandise line sales, 13100  
 public lands outdoor recreation map—  
 Eagle area, 14746  
 Glade Park area, 14747  
 Piceance Creek area, 14748  
 Powderhorn area, 14749
- Colorado—Continued**  
 recreation sites, 14750  
 Rockies, transect physical geography and military environment, 13042  
**Colorado River and Valley:**  
 basin—  
 mineral quality problem, Appendix B, physical and economic impacts, 14404  
 surface water quality, 14555  
 surface water supply of basin—  
 Colorado River Basin above Green River, 14551  
 lower basin, 14552  
**Columbia River and Valley:**  
 Federal Columbia River Power System, Bonneville Power Administration, report, 13090  
 fish passage report, Bonneville, The Dalles, John Day, McNary Dams, 14302  
**Columbian College, *see* George Washington University.**
- Columns:**  
 alumina, for selective removal of phosphorus from wastewater, operating parameters, 14406  
 column and compressive strengths of aluminum tubing with various amounts of unidirectional boron/epoxy reinforcement, 14877
- Commemorative medals, *see* Medals.**
- Commemorative stamps, *see* Postage stamps.**
- Commerce:**  
 foreign trade and tariffs, proposals, written statements, other material submitted by administration witnesses, and letter of the President, 13552  
 Interstate commerce act, amend, report, 13474  
 waterborne, 1968 calendar year, national summaries, 14334  
*see also* names or classes of articles of commerce.
- Commerce Committee, Senate:**  
 hearings, 13717-718, 13729-725  
 reports, 13655-656, 13669, 13672-673, 13688-689, 13701
- Commerce Department:**  
 appropriations, 1971—  
 amendment, proposal, 13567  
 hearings, 13708
- Commercial artists, *see* Artists.**
- Commercial banks, *see* Banks and banking.**
- Commercial fisheries, *see* Fish and fisheries.**
- Commercial Fisheries Bureau:**  
 circulars, 13233-235  
 Federal aid program, 1970 activities, 13234  
 special scientific reports, fisheries series, 13241-246  
 Technological Laboratory, Gloucester, Mass., general information, 13235
- Commercial products:**  
 census of business, 1967, merchandise line sales, retail trade, 13099-121  
 recent purchases of cars, houses, and other durables and expectations to buy during months ahead, survey data, 13177  
 voluntary product standard PS (series), 14928-931
- Commercial treaties, *see* General Agreement on tariffs and trade.**
- Commission on Bankruptcy Laws of U.S., *see* Bankruptcy Laws of U.S. Commission.**
- Commission on Government for District of Columbia *see* District of Columbia Commission on Government.**
- Committees, *see* Advisory committees.**
- Commodities, *see* Agricultural products.**
- Commodity exchanges, New York Mercantile Exchange potato futures market, extent and price effects of floor trading, 13247**
- Commonwealth Parliamentary Association Conference, Port-of-Spain, Trinidad and Tobago, 1969, House delegation appointed to attend, report, 13513**

**Communications:**

- act of 1934, amend, report, 13476
- communications and electronics, communications-radio receiving set AN/PRR-9 and transmitting set AN/PRT-4, operator training course, 13050
- global navigation and traffic control using satellites, 14895
- PACAF basic bibliography, 13027
- program analysis, problem in man-computer communication, 14892
- Communications and Electronics Division, Army Dept., general information, 13040
- Communism:
  - Caribbean threat to U.S., hearings, 13744
  - subversion in New Left, extent, hearings, 13747
- Communist countries, Communist powers, American shortcomings in negotiating with, 13738
- Communities, *see* Cities and towns.
- Community Action Program, *see* Economic Opportunity Office.
- Community development programs:
  - Federal assistance programs, catalog, 13824
  - green power, consumer action for the poor, 13825
  - statewide community organization for the aged, project report, 12959
- Community facilities:
  - Emergency community facilities act of 1970, report, 13457
  - neighborhood facilities program, 14581
- Community profiles, 13826-14263
- Compacts (Interstate), *see* Interstate agreements.
- Compensation, *see* Pensions.—Salaries.—Wages.
- Complaints, analysis of complaints in selected automobile insurance markets, advisory report, 15354
- Composite materials:
  - composites with constituents of differing thermal expansion, effects of thermal loading, 14869
  - concrete-polymer materials, topical report, 13065
- Composites, *see* Composite materials.
- Composition (printing), *see* Printing.
- Compounds, *see* Organic compounds.
- Compressibility:
  - compressive and column strengths of aluminum tubing with various amounts of unidirectional boron/epoxy reinforcement, 14877
  - isothermal, of frozen soil and ice to 30 kilobars at  $-10^{\circ}$ , 14305
  - modulus of compressibility, and perpendicular component of molecular dipole moment of films spread on liquid surfaces, CDC 3800 computer program to calculate and plot, 15070
- Compression, vapor-compression vacuum-freezing process, evaluation on brackish water, 14593
- Compressors, reciprocating, rotary and centrifugal, Federal item identification guide, 13783
- Comptroller of Currency Office, provide with rent-free space in Government-owned buildings, GAO report, 14512
- Computations, *see* Numerical calculations.
- Computer operators, electronic computer operating personnel, employment outlook, 14681
- Computer programmers, *see* Computer specialists.
- Computer programs/programming:
  - BMD02R computer program, stepwise regression accuracy in network analysis, highway planning technical report, 15134

**Computer programs/programming—Con.**

- CDC 3800 program, compressibility and modulus of compressibility, and perpendicular component of molecular dipole moment of films spread on liquid surfaces, calculation and plotting, 15070
- computer-made motion pictures and time history plots of ion-polar-molecule collisions, 14549
- flight computer and language processor study, 14809
- Fortran programs—
  - angular scattering functions for spherical water droplets, 15062
  - fast Fourier transform, 15074
  - self-study course in FORTRAN programming, workbook, 14808
- program analysis, problem in man-computer communication, 14892
- stereocomparator coordinate reduction, 15137
- TIES computer program series, 15137
- see also* subjects.
- Computer specialists, programmers, systems analysts, employment outlook, 14681
- Computer systems analysts, *see* Computer specialists.
- Computers, automated fingerprint identification, 14926
- see also* Aeronautical Instruments—Electronic computers.
- Concentration ratios in manufacturing, 1967, census of manufactures, 13154
- Concrete:
  - concrete and related materials, evaluation for desalination plants, 4th annual progress report, 15144
  - concrete-polymer materials, topical report, 13065
  - inspections and testing requirements in construction of low-rent public housing projects, need to strengthen, GAO report, 14508
  - training guide and reference text, Army technical manual, 13055
  - work, special trade contractors, census of construction industry, 1967, statistics, 13133
- Concrete beams:
  - load carrying capacities, study of feasibility of methods for increasing, 14336
  - prestressed composite tee-beams, flexural behavior, 14915
- Condon, Thomas J., relief, 13267, 13601
- Concuch County, Ala., community profile, 13905
- Cones:
  - elliptic, method for predicting pressures on, at supersonic speeds, 14884
  - hypersonic flow over  $15^{\circ}$  semiapex cone in helium, angle of attack and bluntness effects on direction, intensity, etc., 14862
- Confectionery, products, census of manufactures, 1967, industry report, 13146
- Confederated Tribes of Weas, Piankashaws, Peorias, and Kaskaskias, *see* Peoria Tribe of Indians of Oklahoma.
- Conference committees, reports, 13419, 13424, 13432, 13434, 13440, 13450, 13455, 13477
- Conferences, congresses, etc., 2d International Conference on Accelerator Dosimetry and Experience, 13067
- see also* subject of conference.
- Conglomerate corporations, *see* Corporations.
- Congress of United States:
  - biographical directory, print revised edition, report, 13636
  - call for cooperation, message from the President, 15118
  - Congressional oversight of administrative agencies, National Labor Relations Board, report, 13745
  - Congressional proceedings, Federal immunity of witnesses act, report, 13421

# INDEX

- Congress of United States—Continued
  - congressional record, 91st Cong., 1st sess., bound volumes, 13250-252
  - Continental Congress in New York City Hall, 1785-88, background and study, 15025
- Congressional districts, redistricting, availability of 1970 census data, 13098
- Congressional record, *see* Congress of United States.
- Congressional serial set, 13253-256
- Connecticut, census of business, retail trade, merchandise line sales, 13101
- Connectors (structural):
  - Federal item identification guide, 13797
- Conner, Howard E., some general properties of class of semilinear hyperbolic systems analogous to differential-integral equations of gas dynamics, 15076
- Conservation, *see* Natural resources—Soil conservation—Water conservation.—*also* subjects.
- Conservation farming, *see* Soil conservation.
- Conservation of marine resources, *see* Marine resources conservation.
- Conservation of natural resources, *see* Natural resources.
- Consolidated master cross reference list, 13802
- Constitution (IX-21) (U.S.S.), retired officers to command, authorize, report, 13691
- Constitution of United States:
  - amendments—
    - election of President and Vice President by direct popular vote, proposal, report, 13700
    - equal rights for men and women, hearings, 13746
    - equal rights for women, memorandum, 14591
    - voting, lower age to 18, hearings, 13748
- Constitution Week, bulletin, 14584
- Construction, *see* Building—Housing—Shipbuilding.
- Construction equipment, *see* Building machinery.
- Construction Industry:
  - census, 1967, industry statistics, 13122-143
  - compensation, employment patterns, union scales and earnings, 14729
  - construction reports, 13157
  - heavy construction, except highway and street construction, contractors, 13123
  - seasonality and manpower in construction, 14666
- Construction labor, *see* Labor.
- Construction machinery operators, *see* Operating engineers.
- Construction materials, concrete-polymer materials, topical report, 13065
- Consumer and Marketing Service appropriations, 1971, amendment, proposal report, 13570
- Consumer Finance Commission, *see* National Commission on Consumer Finance.
- Consumer income, *see* Income.
- Consumer Interests, President's Committee on, *see* President's Committee on Consumer Interests.
- Consumers:
  - buying indicators, series, 13177
  - credit protection act, amend law, 13319
  - credit, protection against arbitrary, erroneous, and malicious information, hearings, 13499
  - food quality and consumer protection (address), 12972
  - green power, consumer action for the poor, community action program, 13825
  - protection act—
    - hearings, 13717
    - print additional copies, reports, 13682-683
    - report, 13701
- Consumers—Continued
  - protection against fraudulent practices of unscrupulous operators—
    - hearings, 13717
    - print additional copies, reports, 13682-683
    - report, 13701
- Contacts (electric), *see* Electric contacts.
- Containers:
  - containerization for intermodal system of transportation (remarks), 14372
  - containerized unit loads, military standard, 13804
- Contamination:
  - mercury in natural environment, bibliography, 14604
  - sealing through contaminated pouch surfaces, 13043
- Continental Congress, and State Department 1785-90, foreign letters, microcopy, pamphlet to accompany, 14910
- Continental Congress in New York City Hall, 1785-88, background and evaluation study, 15025
- Continental Shelf, fishery resources of U.S., penalties for illegal fishing, strengthen report, 13487
- Contractions, *see* Abbreviations.
- Contractor reports NASA CR (series), 14807-835
- Contractors:
  - annual contractors conference of artificial kidney program of National Institute of Arthritis and Metabolic Diseases, proceedings, 15008
  - census of construction industry, 1967, statistics—
    - general building contractors, 13122
    - heavy construction, except highways and streets, 13123
    - special trade contractors—
      - carpentering, 13130
      - concrete work, 13133
      - electrical work, 13126
      - excavating and foundation work, 13138
      - floor laying and other floor work, 13131
      - glass and glazing work, 13137
      - installation or erection of building equipment, 13140
      - masonry, stone setting, and other stonework, 13127
      - not elsewhere classified, 13141
      - ornamental metal work, 13136
      - painting, paperhanging, and decorating, 13125
      - plastering and lathing, 13128
      - plumbing, heating (except electric), and air conditioning, 13124
      - roofing and sheet metal work, 13132
      - structural steel erection, 13135
      - terrazzo, tile, marble, and mosaic work, 13129
      - wrecking and demolition work, 13139
      - water well drilling, 13134
    - noncompetitive price proposals, questionable waivers, of preaward audits, GAO report, 14513
    - see also* Government contracts.
  - Contracts, REA distribution line extension construction contract, 15151
  - see also* Government contracts.
  - Control (vehicle), *see* Airplanes.
  - Control systems:
    - adaptive controller for space base spin plane orientation, 14578
    - AFROTC management, 1969 updating of data file, 13013
    - computer control system for 60-ft. X-band antenna, operating procedures, NRL Microwave Space Research Facility, 15092
    - flight control systems and automatic piloting of aircraft, problem of operational reliability, 14597

## Control systems—Continued

- imperfect, reduced-state relay control to model-reference systems, application, 14834  
 manual controls, NASA-University Conference, papers, 14835  
 nuclear submarine atmosphere purification, chemical research, progress report, 15073  
 twin gyro attitude control system including passive compensation and nonlinear control law, performance, 14855  
 Cooling, turbine aerodynamic and cooling requirements for turbo jet powered Mach 3 transport using methane fuel, 14871  
 Cooperation, call for cooperation, message from the President, 15118  
 Cooperative day of planning 2, report on joint meeting of State and National Advisory Councils on Vocational Education, 14806  
 Cooperatives, District of Columbia cooperative association act, amend, report, 13450  
*see also* Farmer cooperative organizations.  
 Coordinates:  
   plane intersections, cross-sectional plots, adaptation of APT systems, 15072  
   stereocomparator coordinate reduction, electronic computer program to calculate, 15137  
 Coosa County, Ala., community profile, 13906  
 Coats, hunting, possession, transportation, importation, 1970-71, Federal regulations governing Alaska, 15276  
 Copepods, Atlantic deep-sea calanoid copepoda, 15162  
 Coping, and adaptation, behavioral sciences bibliography, 15013  
 Copper, cupric ions absorption through denuded epithelium as result of copper sulfate treatment of phosphorous burns, 14761  
 Copper sulfate, cupric ion absorption through denuded epithelium, 14761  
 Copying process, sensitized materials, photographic and copying, Federal item identification guide, change, 13791  
 Copyright:  
   catalog of copyright entries, 13770  
   OE's new copyright policy, 14290  
 Copyright Office, Register of Copyrights, annual report, 13771  
 Coral reefs and islands, Pacific Ocean, conserve and protect coral reef resources from erosion by starfish, report, 13468  
 Corfield, Harold, controlled atmosphere system laboratory studies on tomatoes, 13046  
 Corn Belt, mulch tillage, 15220  
 Corona (solar), *see* Sun.  
 Corporation for Public Broadcasting, *see* Public Broadcasting Corporation.  
 Corporations:  
   conglomerate corporation investigation, hearings, 13532  
   foreign banking and financing under Federal reserve act, regulations, amendment, 14393  
 Corrosion and anticorrosives:  
   corrosion fatigue crack growth behavior, 15080  
   spectrophotometric procedures for determination of ions formed within stress-corrosion cracks, change, 15061  
 Corson County, S. Dak., community profile, 13907  
 Cortland County, N.Y., community profile, 13908  
 Cosmic rays, galactic cosmic-rays, calculation of dose and dose-equivalent rates to man in atmosphere, 13073  
 Cost:  
   comparison of actual experience under OASDHI system with short-range cost estimates, 15166

## Cost—Continued

- cost allocation plans and indirect cost proposals, establishing for grants and contracts with Federal Government, guide for local government agencies, 14565  
 farm costs and returns, 14268-270  
*see also* subjects.  
 Cost-Accounting Standards Board, establish, law, 13346  
 Cost and standard of living:  
   Canal Zone Government former employees, cash relief payments to provide cost of living adjustments, amend Canal Zone code—  
     law, 13330  
     report, 13661  
 Cotton:  
   central America, 14424  
   quality, 1969 crop, 13763  
   textiles, trade agreement with—  
     Pakistan, 15316  
     Turkey, 15327  
 Cottonseed, *see* Cottonseed oils.  
 Cottonseed oils and soybean used in shortening and salad and cooking oils, trends, prices, spreads, 12992  
 Council of Health Advisers establish hearing, 13736  
 Council on Environmental Quality:  
   annual report, 13772  
   appropriations, 1971, proposal, 13564  
 Counseling, success in early counseling, 14276  
 Counselors, school, rehabilitation, and employment counselors, employment outlook, 14677  
 Counties:  
   and county equivalents, States of United States, Federal general data standard, representation and codes, 14918  
   county business patterns, CBP series, 13158-174  
   county veteran population, Dec. 1969, estimates, 15378  
 Countries, *see* Foreign countries.  
 Couplings, multi-hitch trailer coupling, equip tips, 14433  
 Court of Claims:  
   cases decided Aug. 1-Nov. 30, 1969, 13773  
   contract claims against nonappropriated fund activities of U.S., jurisdiction, law, 13325  
   silver-dealer claimants, refer to Chief Commissioner of Court of Claims, 13376  
 Court of Military Appeals, digest, annotated and digested opinions, supplement, 13817  
 Courtesy examiners handbook, 13214  
 Courts, criminal court data on pre-trial release of defendants, pilot study, 14924  
 Courts-martial and courts of inquiry, manual, analysis of contents, 13049  
 Courts of United States:  
   appropriations, 1971, hearings, 13708  
   Federal immunity of witnesses act, report, 13421  
 Covers and doors, access, Federal item identification guide, 13784  
 Covington County, Ala., community profile, 13909  
 Cox, F.B., study of feasibility of methods for increasing load-carrying capacities of existing concrete beams, 14336  
 CPB, *see* Public Broadcasting Corporation.  
 Cracking (fracturing), *see* Fracture of metals.  
 Cracking of metals, *see* Fracture of metals.  
 Crane flies, *see* Flies.  
 Cranes (birds):  
   hunting, possession, transportation, importation, 1970-71, Federal regulations governing Alaska, 15276  
 Crash fires, *see* Fires.  
 Crashes, *see* Motor vehicle accidents.

# INDEX

- Craters:
  - cratering and contained events, contribution to analysis of seismic data, Project Schooner, 13078
  - nuclear cratering detonations, lidar observations of debris clouds, Project Buggy, 13085
- Crawford County, Iowa, community profile, 13910
- Crazed resin filtration of combined sewer overflows, self-adjusting and self-cleaning filter feasibility study, 14416
- Creelink, John C., rural industrialization, case study of tissue paper mill in Pickens, Miss., 14266
- Credit:
  - brokers and dealers, regulations, supplement, 14394
  - by banks for purpose of purchasing or carrying margin stocks, supplement, 14395
  - consumer credit protection act, amend, law, 13319
  - consumers, protection against arbitrary, erroneous, and malicious information, hearings, 13490
  - Emergency home finance act of 1970—law, 13326
  - report, 13407
  - Fair credit reporting act, hearings, 13490
  - Truth in lending—act, amend, hearings, 13499
  - regulations, amendment, 14397
- Credit cards, unsolicited, mailing regulations, report, 13396
- Credit unions, State, member accounts, Federal share insurance protection, report, 13763
- see also* Federal credit unions.
- Creighton, C. S., pathogens and chemicals tested against caterpillars on cabbage, 13002
- Crenshaw County, Ala., community profile, 13911
- Creswell area, Oreg., resource data on soils for land use planning and community development, 15228
- Crime and criminals:
  - crimes and offenses, defendant representation, improve, report, 13623
  - crimes of violence, staff report, 15119-120
  - Criminal justice act, amend, report, 13623
  - offenses and certain other acts committed on board aircraft, convention, implement, report, 13689
  - safer, more just America, Law Enforcement Assistance Administration program, 14650
  - small business, crime against, hearings, 13761
  - youth offenders, Youth Correction Division to designate examiners to make recommendations for parole, law, 13314
- see also* Criminal procedure.
- Crime, Select Committee on, House, proceedings, print, report, 13635
- Criminal law, new Federal criminal code, study draft and working papers, 14949
- Criminal procedure, criminal court data on pre-trial release of defendants, pilot study, 14924
- Crippen, J. R., Lake Tahoe basin, Calif.-Nev., 14556
- Crittenden County, Ark., Fish Bayou Watershed work plan for watershed protection, flood prevention, drainage, fish and wildlife water resource improvement, 15251
- Crockett County, Tenn., appraisal of potentials for outdoor recreational development, 15181
- Cromack, J. Robert, pickup truck-fixed object impact, 14967
- Cronau, Leslie H. Jr.:
  - cupric ion absorption through denuded epithelium, 14761
- Cronau, Leslie H. Jr.—Continued
  - effects of Marine Corps officer candidate school training on serum uric acid, levels, 14762
- Crops, major irrigated and non-irrigated grown in western U.S., soil conditioning rating indices, 15232
- Cross sections, cross-sectional plots of plane intersections, adaptation of APT systems, 15072
- Crow Creek, flood plain information, 14311
- Crown of thorns starfish, report, 13468
- CRREL, *see* Cold Regions Research and Engineering Laboratory.
- CSC, *see* Civil Service Commission.
- Cuba and Caribbean region, U.S. security posture, hearings, 13510
- Cuba, N. Mex.:
  - Cuba Project, reconnaissance report, 15140
  - land conveyance—law, 13339
  - report, 13415
- Cuba Independent Schools:
  - land conveyance—law, 13339
  - report, 13415
- Culebra Island, *see* Puerto Rico.
- Cullman County, Ala., community profile, 13912
- Culture, cultural relations, agreement with Union of Soviet Socialist Republics, 15312
- Culverts, fish versus culverts, considerations for resource managers, 14431
- Cumberland County, N.C., community profile, 13913
- Cupric sulfate, *see* Copper sulfate.
- Currencies, *see* Money.
- Currency, *see* Money.
- Current fishery statistics, C.F.S. series, 13231-232
- Curriculum:
  - drug education, grades 6-12, guide, 14941
  - selected drug education, 14941-947
- Cushioning materials, cushioning performance of multilayer corrugated fiberboard pads loaded at center only, 14468
- Custer County, S. Dak. community profile, 13914
- Custodians, building, employment outlook, 14693
- CVAN-70, *see* Aircraft carriers.
- Cyclamate sweeteners, hearings, 13519
- Cyprus:
  - economic trends and their implications for United States, 14639
  - mineral industry, minerals yearbook chapter, 14783
- Cytology, oral cytology, atlas, 15148
- Czapowskyj, Mirosław M., experimental planting of 14 tree species on anthracite strip-mine spoils, 14472

## D

- Dahomey, background notes, 15288
- Daily river stages, 15387
- Dairy products, census of manufactures, 1967, industry statistics, 13144
- Dale County, Ala., community profile, 13915
- Dallas County, Ala., community profile, 13916
- Dallas County, Iowa, community profile, 13917
- The Dallas Dam, fish passage report, 14302
- Dams:
  - earth and rock-fill, stability, engineering and design, EM manual, 14307
  - safety of dams investigation at Salt River Project, Ariz., field and laboratory tests, 15146
- see also* names of dams.
- Dangerous articles, *see* Hazardous substances.
- Data, *see* subjects.
- Data access descriptions, 13178

Data acquisition, and control of 60-ft. X-band microwave antenna, NRL computer system hardware, 15090  
 Data processing, *see* Electronic data processing  
 Data storage and retrieval systems, *see* Information storage and retrieval systems  
 Data transmission system  
 basis and application of simulation model for oceanographic system using HF radio, 14350  
 data display and analysis, 14830  
 interactive specification of data displays, 14828  
 Davidson County, N.C., community profile, 13918  
 Davie County, N.C., community profile, 13919  
 Davis, Cal C., relief, 13286  
 Davis County, Iowa, community profile, 13920  
 Davison County, S. Dak., community profile, 13921  
 Day, James V., remarks, Sept. 11, 1970, 14374  
 Day, John G., economic regulation of insurance in U.S., 15357  
 Day care of children, day care facts, 15389  
 Day County, S. Dak., community profile, 13922  
 Days, *see* names of special days.  
 Deaf:  
 demonstration elementary school for the deaf to be maintained and operated by Gallaudet College—  
 hearing, 13751  
 report, 13678  
 Dealers:  
 credit, regulations, supplement, 14394  
 retail, liquor laws and regulations, 14611  
 Dean, Lyndon A., relief, 13286  
 Death:  
 fatal accidents on interstate system, 15132  
 mortality of aged before and after medicare, 15134  
 Deaton, Jerry W., air permeability studies of lightweight coated fabric subjected to uniaxial tensile loads with and without prior cycling, 14873  
 Decatur County, Iowa, community profile, 13924  
 Decatur County, Tenn., appraisal of potentials for outdoor recreational development, 15182  
 Decelerators, 5-foot diameter (1.5m) attached inflatable decelerators, deployment and performance characteristics from Mach number 2.2 to 4.4, 14850  
 Decisions, *see* names of courts, etc., rendering decisions.  
 Decompression, cause of hearing loss, 14765  
 Decorating, special trade contractors, census of construction industry, 1967, statistics, 13125  
 Decoration and ornament, ornamental metal work, special trade contractors, census of construction industry 1967, statistics, 13136  
 Debt, *see* Public debt.  
 Defense, *see* National defense.  
 Defense contracts, *see* Government contracts.  
 Defense Department:  
 advertised contracting in military construction, survey of use, 14516  
 appropriations, 1971—  
 hearings, 13492  
 military construction, waiving points of order, report, 13404  
 Assistant Secretary Health and Environment, nomination of Louis M. Rousselot, hearing, 13712  
 Blue Ribbon Defense Panel, report to the President and Secretary of Defense on Defense Dept. organization, structure, operations, etc., 13816  
 career program for procurement personnel, action required to improve, GAO report, 14491

## Defense Department—Continued

cataloging manual M (series), 13775-776  
 contractor procurement system reviews, improving effectiveness, GAO report, 14507  
 determining graduate education requirements for military officer positions, improvements needed, GAO report, 14501  
 handbook DSAH series, 13777-778  
 improvements needed in reclaiming usable parts from excess aircraft, GAO report, 14504  
 improving use of cargo space on aircraft operated by contract, GAO report, 14492  
 joint uniform military pay system, status of development, Defense Dept., GAO report, 14515  
 manual DSAM series, 13779  
 military standards, 13804-810  
 need for improving program for use and redistribution of excess materiel in Pacific area, GAO report, 14506  
 procurement, independent research and development of products, cost sharing by Government contractor, hearings, 13494  
 questionable waivers of preaward audits of contractors' noncompetitive price proposals, GAO report, 14513  
 reserve forces, annual report, 13774  
 standardization documents, supply classification listing, 13803  
 vehicle maintenance in Europe, reduction of cost by improving management, GAO report, 14514  
 Defense production, *see* Production.  
 Defense production act, *see* Production.  
 Defense Supply Agency:  
 handbook DSAH series, 13777-778  
 manual DSAM series, 13779  
 Deflection, jet streams of turbo-jet engines, systems for deflection, 14896  
 Degradation:  
 radiation induced nonlinear degradation of transistor gain, 14813  
 thermal—  
 high polymers, literature survey, 13814  
 of wood components, literature review, 14464  
 Dehydrators, *see* Dryers (Industrial).  
 De Kalb County, Ala., community profile, 13923  
 Delaware, census of business, retail trade, merchandise line sales, 13102  
 Delaware County, Iowa, community profile, 13925  
 Delaware County, N.Y., community profile, 13928  
 Delaware River Basin Commission:  
 appropriations, 1971—  
 hearings, 13709  
 report, 13697  
 Delegates, *see* House of Representatives.  
 Deion, Gerald L., quantitative methods for evaluating hospital designs, 14933  
 Delta region, Ark., forest statistics, 14485  
 DeMarco, Carlo, relief, 13262, 13590  
 DeMars, Donald J., preliminary site index curves for noble fir from stem analysis data, 14460  
 Demography, demographic differences in aptitude test performance, 13012  
 Demolition, *see* Wrecking.  
 Denmark:  
 economic trends and their implications for United States, 14627  
 selling in Denmark, 13226  
 Density:  
 inflatable falling sphere density data, evaluation, 13039  
 stratosphere and mesosphere, 14893  
 Dental technicians, manual, dental services, Air Force, 13019  
 Dentistry:  
 dental service, AFM manual, 13019  
 dental technician's manual, Air Force, 13019

# INDEX

- Dentistry—Continued
  - Health training improvement act of 1970, report, 13651
- Denver, Colo., Denver doesn't quit on problem students, 14276
- Dependencies, countries and areas of special sovereignty, Federal general standard representations, and codes, 14919
- Dependents, *see* Armed Forces.
- Deployment and performance characteristics of 5-foot diameter (1.5m) attached inflatable decelerators from Mach number 2.2-4.4, 14850
- Desalination, plants, evaluation of concrete and related materials, 4th annual progress report, 15144
- Desegregation in education, *see* Race problems.
- Designs (aircraft):
  - analysis of effect of design and measurement errors on pump performance parameters, 14868
  - space vehicle design and operations related to Jimsphere wind profiles, design and operations, 14832
  - trade-off study and conceptual designs of regenerative advanced integrated life support systems (ALLSS), 14807
  - XB-70 structural mode control system design and performance analyses, 14810
- Designs (architectural), *see* Architecture.
- Designs (industrial):
  - conceptual designs of outfall systems for desalting plants, 14594
  - criteria for disposal of brine by solar evaporation, 14598
  - engineering design handbook, 13037
  - maintainability guide for design, engineering design handbook, 13037
  - sewer fluidic regulator, combined, 14418
  - substations for rural distribution systems, guide for design, 15153
- Des Moines County, Iowa, community profile, 13927
- Des Moines River and Valley, upper basin, Iowa, floods, 14527
- Desorption, CO<sub>2</sub> from three-component solution, 15065
- Detectors:
  - nomographs for use in fabrication and testing of Ge(Li) detectors, 14925
  - optimum detection scheme for star-field mapping system, investigation, 14890
  - trimmed-mean, for noncoherent distributions, 15069
- Detention of persons, *see* Arrest.
- Detonations, water supply near Enrico, N. Mex., in relation to nearby high-energy detonations, investigation, 14530
- see also* Explosions.
- Deuel County, S. Dak., community profile, 13928
- Development (economics), *see* Economic development—Underdeveloped areas.
- Developments (real estate), *see* Housing.
- Devices:
  - integrated devices—
    - design evaluation of distributed saturation characteristics in, 14858
    - model for distributed saturation characteristics in, 14857
- Dewey County, S. Dak., community profile, 13929
- Dexter, H. Benson, compressive and column strengths of aluminum tubing with various amounts of unidirectional boron/epoxy reinforcement, 14877
- DHEW, *see* Health, Education, and Welfare Department.
- Diabetes, people who have diabetes, feet first, booklet about foot care, 14569
- Diagnosis, inpatient utilization of short-stay hospitals, 1965 statistics, 14936
- Diamond, W. Gene, barite, 14772
- Diaz, Nahid M., relief, 13610
- Dickey County, N. Dak., community profile, 13930
- Dickinson County, Iowa, community profile, 13931
- Dickson, Bly D., Jr., relief, 13268, 13605
- Die makers, employment outlook, 14710
- Diesel fuel, *see* Fuel oil.
- Diesel mechanics, *see* Mechanics (persons).
- Diet, *see* Food.
- Dietaries, *see* Food.
- Differential equations, *see* Equations.
- Differential thermal analysis, thermal degradation of wood components, literature review, 14464
- Digests, *see* Index digests.
- Dinnerman, Bernhardt V., evaluation of area navigation in Northeast Corridor, 14361
- Dinnerware, *see* Tableware.
- Diodes, low-temperature cesium-vapor diode, voltage breakdown, 14852
- Diplomacy:
  - American, toward new diplomacy in scientific age, 13514
  - international negotiation American shortcomings in negotiating with Communist powers, 13738
  - science, technology and American diplomacy, 13514
- Dipole moments:
  - bipole-dipole arrays, geometric factors, 14523
  - perpendicular component of dipole moment, compressibility and modulus of compressibility of films spread on liquid surfaces, CDC 3800 computer program to calculate and plot, 15070
- Direct currents, *see* Electric currents.
- Directories:
  - aluminum wire and cable, foreign free world producers, 13093
  - Congress of United States, biographical directory, print revised edition, report, 13636
  - coordinators of children's and young adult services in public libraries serving from 100,000 people, 14277
  - education 1969-70, education associations, 14278
  - Interior Department, career opportunities for college students, 14592
  - military assistance program address directory, 13812-813
  - personnel responsible for radiological health programs, 15139
  - private programs assisting minorities business enterprise, 13217
  - public elementary and secondary schools in selected districts, enrollment and staff by racial/ethnic group, 14562
  - Spanish speaking organizations in U.S., 13095
  - standards laboratories in U.S., 14916
  - State and local resources for the mentally retarded, 14563
  - telephone, Health, Education, and Welfare Department, 14560
- Disability insurance, if you become disabled, social security benefits, 15175
- Disabled:
  - disability, epidemiology, measurement of functional capacity limitations, 15169
  - neurological and sensory disabilities, estimated numbers and cost, 15021
  - on public assistance, 15168
  - social security survey, reports, 15168-169
  - see also* Disability insurance—Pensions—Rehabilitation of the disabled—Veterans.
- Disadvantaged children, *see* Children.
- Disasters:
  - civil defense film, in time of emergency, general information, 13190
  - donated foods, guide for State and local officials, 13000
  - emergency food aid for Cella victims, 13001

## Disasters—Continued

industrial civil defense management, preparation for wartime and peacetime disaster in industry, 13189  
medical planning for disaster preparedness, medical service, Air Force manual, 13018

Discoverer (ocean survey ship): use for ocean environmental research, general information, 14352

Discrimination, *see* Race problems.

Discrimination in employment:  
age discrimination in employment act of 1967, 15386  
equal employment opportunity, report, 14353

equal opportunity program for State and local Government employment, 14564  
minority group employment in Federal government, preliminary report, 13203

Discrimination in housing, fair housing U.S.A., 14573

Diseases, *see* names or types of diseases.

Diseases of fish, fish disease leaflet FDL-series), 15260

*see also* names of diseases or fish affected.

Diseases of plants, potato diseases through 1945 with common and scientific names, bibliography, 12995

*see also* names of diseases or plants affected.

Dispatchers, *see* Aircraft dispatchers.

Dispensing opticians, *see* Opticians

Displacement, stress intensity and crack-opening displacement for coplanar cracks in thermoelasticity, 15067

Display systems:

data displays—  
and analysis, 14830

interactive specification, 14828

display scanning, sampling, and reconstruction using separate main and secondary tracking tasks, research, 14814

Distribution (economics), *see* names of commodities.

Distribution (statistics):  
approximation for flow properties in angle-of-attack plane of conical flows, 14883

District Courts:

contract claims against nonappropriated fund activities of U.S., jurisdiction, law, 13325

Mississippi, southern district, terms to be held at Gulfport, report, 13641

District of Columbia:

airspace above, on, and below freeway rights-of-way, authority to lease, report, 13670

appropriations, 1970, supplemental, proposal, 13356

appropriations, 1971, law, 13312

census of business, retail trade, merchandise line sales, 13103

Cooperative association act, amend, report, 13450

county business patterns, 13159

economics of aging, conference of national organizations, hearings, 13706

employment aspects of aging, hearings, 13706

Federal payment authorization act of 1970, report, 13687

fees for certain licenses and permits, authorize District of Columbia Council to fix, report, 13684

George Washington University, charter, amend, report, 13379

Georgetown architecture, 15020

northwest area, 14420

Georgetown commercial architecture, 15028

governmental organization and operation, commission to study, establish, report, 13454

health services administration, improvements report, 13671

## District of Columbia—Continued

Income and franchise act of 1947, amend, report, 13685

Investment companies, regulated, taxation, amend act, report, 13685

Light Horse Harry Lee Bridge, designate report, 13452

memorial for Mary McLeod Bethune, National Council of Negro Women to erect, extend time limit authorization, report, 13625

nonvoting delegate to House of Representatives, provide, reports, 13454, 13699

nonvoting delegates to Senate and House of Representatives, provide, report, 13453

Police and firemen's salary act of 1958, amend, law, 13304

Potomac Valley Conservancy District, compact, amendments, consent of Congress, report, 13467

rental space for accommodation of agencies and activities, authorize, report, 13647

Teacher's salary act of 1955, amend, law, 13304

trust funds, legal investments, list, 13818

water and sanitary sewer rates, increase, report, 13686

District of Columbia Commission on Government, establish, report, 13699

District of Columbia Committee, House, reports, 13379, 13452-454

District of Columbia Committee, Senate, report, 13647, 13670-671, 13684-687, 13699

Divide County, N. Dak., community profile, 13932

Documentation, urban transportation planning system 360, program, 15136

DoD, *see* Defense Department.

Dodge City, Kans., Fort Dodge-Wilroads Gardens section, Arkansas River, special flood plain information, 14332

Doepf Crockett Hauling, motor carrier accident, Roswell, N. Mex., 14804

Doherty, Neville, rurality, poverty, and health, medical problems in rural areas, 14265

Dombrowski, John, area handbook for Guatemala, 13053

Domestic International Sales Corporation, proposal of Treasury Department covering tax treatment of export income, 13551

Dominica, *see* Windward Islands.

Dominican Republic, economic trends and their implications for United States, 14642

Door to opportunity, title 5, Economic opportunity act, 13249

Doors, and covers, access, Federal item identification guide, 13784

Dope (coating materials):  
Zn doping of GaAs films using coevaporation of elements, 15089

Doppler effects, continuous transmission frequency modulated, studies, 13245

Dormitories:  
HUD's college housing program, guide, 14575

men's residence halls, University of Dubuque, Dubuque, Iowa, buildings with fallout protection, design case study, 13187

Dosimetry, accelerator dosimetry and experience, conference proceedings, 13067

Douglas County, S. Dak., community profile, 13933

Douglas fir, *see* Fir.

Douglas fir beetles, *see* Beetles.

Downey, John J., State responsibility for juvenile detention care, 15391

Downs, Joseph M., Las Vegas, N. Mex., soil survey, 15234

Doyel, William W., national hydrologic data system for Chile, 14531

# INDEX

- Draftsmen, employment outlook, 14675  
 Drainage, drainage for areas other than air-  
 fields, drainage and erosion control, tech-  
 nical manual, 13056  
*see also* Reclamation of land.  
 Dried foods, cooked freeze-dried combina-  
 tion meat items, responses to oxygen,  
 13047  
*see also* names or classes of foods dried.  
 Dryers, *see* headings beginning Dryers.  
 Drivers, *see* Motor vehicle operators—Taxi-  
 cab drivers.  
 Drops, spherical water droplets, angular  
 scattering functions, 15062  
 Drug abuse:  
   answers to most frequently asked ques-  
   tions, Federal source book, 14940  
   brother . . . don't pass it on (poster), 15011  
   comprehensive drug abuse prevention and  
   control act of 1970, report, 13489  
   don't blow it with drugs (poster), 15014  
   education—  
     curriculum guide, grades 6-12, Tacoma  
     Public Schools, Tacoma, Wash., 14941  
   drugs and hazardous substances, grades  
   K-12, San Francisco Unified School  
   District, Calif., 14344  
   grades K-12, South Bay Union School  
   District, Imperial Beach, Calif.,  
   14943  
   narcotic and drug education, grades  
   K-12, Flagstaff Public Schools, Flag-  
   staff, Ariz., 14945  
   1968, grades, 6, 9, 12, Baltimore County  
   Board of Education Towson, Md.,  
   14942  
   sociological health problems, grades 4-6,  
   New York State Education Dept.,  
   Albany, N.Y., 14946  
   tobacco, drug and alcohol unit, grade  
   6, Great Falls School District No. 1,  
   Great Falls, Mont., 14947  
   hashish, pot, acid, speed barbiturates, LSD,  
   will they turn you on or will they turn  
   on you (poster), 15015  
   John was OK until his momma caught him  
   (poster), 15016  
   leaving drug world behind, 14276  
   misery (poster), 15018  
   prevention and control, report, 13489  
   selected drug education, curricula, 14941-  
   947  
   slavery to drugs—  
     black version (poster) 15019  
     white version (poster), 15020  
   youthful drug use, scope, corrective mea-  
   sures, etc., 15392  
 Drug addiction, *see* Drug abuse.  
 Drug stores, *see* Stores.  
 Drugs:  
   drug laws, amend, hearings, 13550  
   importation and exportation of drugs sub-  
   ject to abuse, provide control, report,  
   13489  
   nursing home care and prescribed drugs  
   under medicare program in California,  
   continuing problems, Social and Re-  
   habilitation Service, GAO report, 14497  
 Drunkenness, *see* Alcoholism.  
 Dryers (Industrial): driers, dehydrators,  
 and anhydrators, industrial plant equip-  
 ment handbook, 13777  
 Drying, shrinkage of handsheets during dry-  
 ing, measuring, 14465  
 DSA, *see* Defense Supply Agency.  
 Dubuque, Iowa, University of Dubuque, men's  
 residence halls, buildings with fallout pro-  
 tection, design case study, 13187  
 Dubuque County, Iowa, community profile,  
 13934  
 Ducar, G. J., mathematical model of sewage  
 sludge fluidized bed incinerator capacities  
 and costs, 14408  
 Ducks:  
   puddle ducks, habits and characteristics,  
   15270  
   sea ducks, hunting, possession, transpor-  
   tation, importation, 1970-71, Federal  
   regulations, 15276  
 Ducts, magnetospheric duct propagation, ray  
 tracing digital computer program for  
 study, 14842  
 Dugan, John V., Jr., computer-made motion  
 pictures and time history plots of ion-  
 polar-molecule collisions, 14849  
 Duggins, Jack A., relief, 13387  
 Dunaway, Gordon L., wind-weighting tech-  
 nique to predict velocity vector azimuth  
 angles for unguided rockets, 13038  
 Dunn County, N. Dak., community profile,  
 13935  
 Duplin County, N.C., community profile,  
 13936  
 Durable goods, *see* Commercial products.  
 Durham, David L., geology of Sycamore Flat  
 and Paraiso Springs quadrangles, Mon-  
 terey County, Calif., 14529  
 Durham County, N.C., community profile,  
 13937  
 Dutchess County, N.Y., community profile,  
 13938  
 Duties, *see* Tariff—also names or classes of  
 articles imported.  
 Dynamics:  
   dynamic response and stability of linear  
   induction motor test vehicle, study,  
   14384  
   dynamic tear energy, practical performance  
   criterion for fracture resistance, 15064  
   dynamic tear test investigations of frac-  
   ture toughness of thick-section steel,  
   15077  
   dynamic Young's modulus and flexural  
   strength of sea ice, 14304  
   subsurface and close-in surface dynamic  
   effects, measurements, 13082  
 E  
 Eagle, Colo., public lands outdoor recreation  
 map of area, 14746  
 Eagle County, Colo., mineral resources of  
 Gore Range-Eagles Nest primitive area and  
 vicinity, 14524  
 Eagle Lake Timber Co., relief, 13295, 13613  
 Earnings, *see* Wages.  
 Earth:  
   and rock-fill dams, stability, engineering  
   and design, EM manual, 14307  
   standard time zone chart of the world,  
   15055  
   subsurface and close-in surface dynamic  
   effects, measurements, 13082  
*see also* Satellites.  
 Earthwork and structures:  
   earth and rock-fill dams, stability, engi-  
   neering and design, 14307  
   engineering structures, ice pressure, 14306  
*see also* Excavation.  
 East (Near East):  
   market profiles, 13223  
   Near East conflict, hearings, 13512  
 Eastern Europe, *see* Europe.  
 Eastern Utilization Research & Development  
 Division, laboratories and functions,  
 12964  
 Eberle, A. R., titrimetric determination of  
 uranium in product fuel, and scrap mate-  
 rials after ferrous ion reduction in phos-  
 phoric acid, 13075  
 ECA, *see* United Nations Economic Commis-  
 sion for Africa.  
 Echo ranging equipment, *see* Sonar.  
 Ecology, heterotrophic and autotrophic popu-  
 lations in aquatic ecosystems, interrela-  
 tion of carbon and phosphorus as means  
 of regulating, 14413  
 ECOM, *see* Army Electronics Command.

Economic Commission for Africa, *see* United Nations Economic Commission for Africa.

**Economic conditions:**

economic trends in United States and outlook for developing countries (remarks), 14388

economy at midyear 1970, with industry projections for 1971, 13092

forecasting economic activity in 1970 (remarks), 14391

foreign economic trends and their implications for United States, ET series, 14617-643

household income and selected social and economic characteristics of households, 13176

national economy—  
publications, price list, 15125

sector income and employment multipliers, their interactions, 13008

report of the President to Congress, report, 13393

*see also* names of countries, States, etc.

**Economic development:**

developing countries, and U.S., economic trends (remarks), 14388

districts, composition and status, 13821

Economic Development Administration's public works program, evaluation—  
individual project reports, 13820

summary of findings and survey methodology, 13819

Public works and economic development act of 1965—

amend and extend, hearing, 13758  
as amended, authorizations, extend, report, 13395

**Economic Development Administration:**

industrial park program, analysis of its impact, 13822

public works program, evaluation—  
individual project reports, 13820

summary of findings and survey methodology, 13819

**Economic Joint Committee:**

committee prints, 13350-351

publications, 87th-91st Congresses, 13350

report, 13393

**Economic Opportunity Office:**

appropriations, 1971—  
report, 13426

waiving points of order, report, 13429

community action programs, 13825

pamphlet, 14294

**Economic policy:**

Economic opportunity act, work experience and training program under title 5, 1964-69 summary report, door to opportunity, 13249

economic regulation of insurance in United States, 15357

Federal assistance programs, catalog, 13824

**Economic Research Service:**

agricultural economic reports, 14265-267

ERS series, 14271-272

foreign agricultural economic reports, 14273

**Economics:**

Economic opportunity act of 1964, amend, report, 13704

economics of aging, toward a full share in abundance, hearings, 13706

economy, energy, and environment, background study, 13351

fog dissipation systems in France, economic studies and test results, 15341

war in Southeast Asia, impact on U.S. economy, hearings, 13732

**Economy at midyear 1970, with industry projections for 1971, 13092**

**Ecosystems, *see* Ecology.**

**Ecuador, agricultural commodities, agreement, 15305**

EDA, *see* Economic Development Administration.

EDAT report, 14434-435

Eddy County, N. Dak., community profile, 13939

Edman, Victor G., prices and spreads for potatoes, sweet potatoes and other selected vegetables sold in fresh markets, 12993

Edmunds County, S. Dak., community profile, 13940

EDS, *see* Environmental Data Service.

Edson model 117A lever-action hand pump for chemical toilet servicing, equip tips, 14432

**Education:**

associations, directory, 14278

children in federally affected areas, final report, 13506

directory, 14278

education in Israel, print additional copies, report, 13449

educational research and development in U.S., 14281

Environmental quality education act, hearings, 13503

equal educational opportunity, hearings, 13726

exchange programs, agreement with—  
Federal Republic of Germany, 15324

Union of Soviet Socialist Republics, 15312

Federal-State partnership for education, Advisory Council on State Departments of Education, report, 14284

handicapped children, better education, 1969 fiscal year, annual report, 14275

national minorities in Communist China, 14279

people power for children, 14292

performance contracting experiment to determine effectiveness in poverty areas, background, 13823

provoking change in education, report on 1969 Teacher Corps national conference, 14294

research in education (periodical), semi-annual index, 14295

student Federal and State aid programs, print as Senate document, report, 13626

teachers, opportunities abroad, teaching, short-term seminars, 14291

veterans' educational assistance allowances, pay in advance, hearing, 13755

*see also* Elementary education—Military education—Secondary education—Technical education—Vocational education—  
*also* subjects taught.

Education and Labor Committee, House: committee prints, 13505-506

hearings, 13503-504

**Education Office:**

annual report, 14274

appropriations, 1971—  
amendments, proposal, 13354

law, 13347

report, 13424

final report, 1970, on administration of laws granting Federal aid to schools, 13506

OE's new copyright policy, 14290

poster, 14296

Educational associations, directory, 14278

Educational Resources Information Center: manpower research, inventory, 14289

research in education (periodical), semi-annual index, 14295

**Effluents:**

large power plant effluent study [LAPPES] instrumentation, procedures and data tabulations, 14903

outfall systems for desalting plants, conceptual designs, 14594

Eggs, whole dried eggs from Holland, determination of injury to U.S. industry, 15349

# INDEX

Eisenhower, Dwight D., Eisenhower trophy, NGB announcement of winners, 14955

Elsner, Ronald:  
acute toxicities of organochlorine and organophosphorous insecticides to estuarine fishes, 15277  
factors affecting pesticide-induced toxicity in estuarine fish, 15277

Elastic scattering, *see* Scattering.

Elastic strain, *see* Strains and stresses.

Elasticity, dynamic Young's modulus and flexural strength of sea ice, 14304

Elder, James L., technology and use of lignite, proceedings, Bureau of Mines—University of North Dakota symposium, 14774

Elder, Robert B., oceanography of Weddell Sea, 13215

Elderly people, *see* Aged.

Eldredge, Anan, relief, 13296, 13614

Elections:  
campaign spending for use of radio and television time, reduce, report, 13436  
political campaigns, financing, report, 13662  
President and Vice President, by direct popular vote, amend U.S. Constitution, proposal, report, 13700  
reform act of 1970, report, 13662

Electric apparatus and appliances:  
electrical components and apparatus and allied products, production and maintenance workers of F. W. Sickles Division, General Instrument Corporation, Chicopee and Ludlow, Mass., Tariff Commission report, 15344  
high temperature electrical components, thermal vacuum testing, 14817

Electric coils, coils, selection and use, military standard, 13808

Electric conductors, *see* Superconductivity.

Electric contacts, brush, holder, electrical contact brush, Federal item identification guide, 13787

Electric currents, new techniques in direct-current resistivity exploration (series), 14523

Electric generators, gasoline driven generator, rigged with portable floodlight set, airdrop procedures, Army technical manual, 13058

Electric lines, Cello-Mead Transmission Line project, assurance needed that cost will be recovered, GAO report, 14493

Electric motors, high-temperature electrical components, thermal-vacuum testing, 14817

Electric power, *see* Electricity.

Electric power distribution *see* Electricity.

Electric power plants:  
hydroelectric, 1968, construction cost and production expenses, 14375  
site selection and construction of bulk power facilities promote intergovernmental coordination for environmental and coordination purposes, hearings, 13737

Electric relays:  
15 GHz, relay, rain attenuation study for design, 15342  
imperfect reduced-state relay control to model-reference systems, application, 14834  
miscellaneous relay and switch components, Federal item identification guide, 13789

Electric resistance, new techniques in direct current resistivity exploration (series), 14523

Electric substations, rural distribution systems, guide for design, 15153

Electric switches, *see* Electric switchgear.

Electric switchgear:  
miscellaneous relay and switch components, Federal item identification guide, 13789

Electric switchgear—Continued  
switch, sensing, Federal item identification guide, 13793

Electric transformers:  
high temperature electrical components, thermal-vacuum testing, 14817  
selection and use, military standard, 13808

Electrical, *see* headings beginning Electric.

Electrical equipment, *see* Electric apparatus and appliances.

Electricians:  
construction, employment outlook, 14699  
maintenance, employment outlook, 14706

Electricity:  
economy, energy, and environment, background study, 13351  
electric power industry, 1970 national power survey, guidelines for growth, advisory reports, 14379  
electrical work, special trade contractors, census of construction industry, 1967, statistics, 13126  
national electric rate book, 14376-378  
precision measurement and calibration, 14922  
rural—  
distribution systems, guide for design of substations, 15153  
materials acceptable on systems of REA borrowers, list, 15152  
REA distribution line extension construction contract, 15151  
specifications and drawings for underground electric distribution, 15154

Electrodeposition, *see* Electroplating.

Electrohydraulic effect, vibration isolation of commercial jet transport pilots during turbulent air penetration, 14811

Electrolytes, ionic solvation study, 15601

Electromagnetic radiation, electromagnetic signals, pulse propagation through solar corona, study, 14815

Electronic computer operators, *see* Computer operators.

Electronic computers:  
computer process control, manpower implications for process industries, outlook, 14730  
fast, flexible, highly parallel associative processor, 15063  
flight computer and language processor study, 14809  
operating procedures of computer control system for 60-ft. X-band antenna, NRL, 15092  
system hardware for data acquisition and control of 60-ft. X-band microwave antenna, NRL, 15090

Electronic data processing systems:  
automated multiphasic health testing, bibliography, 14366  
career opportunities, Government Printing Office, college graduates, electronic data processing, 14557  
fast, flexible, highly parallel associative processor, 15063  
data display and analysis, 14830  
Federal information processing standards publications, FIPS, pubs.  
flight computer and language processor study, 14809  
inventory of equipment in Federal government, 14399  
management of data processing in Federal Government, training program, ADP Management Training Center, 13194

Electronic equipment:  
parts, selected standards for R.F. and acoustical parts, military standard, 13806  
standard general requirements, military standard, 13806  
*see also* names of equipments

Electronic switches:  
microwave switching schemes and variable power-division networks using phase shifters, review, 15083  
switching inverter with sine-wave output, 15088

Electronics:  
and communications, communications-radio set AN/PRR-9, and transmitting set AN/PRT-4, operator training course, 13050  
manufacturing, employment outlook, 14718  
PACAF basic bibliography, 13027  
Electroplating, wastes by waste-plus-waste method as means of recovering metals, 14799  
Electrotypers, employment outlook, 14712

Elementary education:  
demonstration elementary school for the deaf to be maintained and operated by Gallaudet College—  
hearing, 13751  
report, 13678  
Elementary and secondary education act, title I, education of the disadvantaged, evaluation, report, 14280  
needs for 1970's, policy papers, compendium, 13505  
preprimary enrollment, 14293  
public schools, in selected district, enrollment and staff by racial/ethnic group, directory, 14562  
teacher education program, feasibility study, Georgia model, technical report, 14282

Elevator constructors, *see* Mechanics (persons).

Eleven Point River, general information, 14430

Elford, C. Robert, climate of California, 14340

Ellipticity, elliptic cones, methods for predicting pressures on, at supersonic speeds, 14384

Elmore County, Ala., community profile, 13941

Elrod, Robert H., sector income and employment multipliers, their interactions on national economy, 13008

EM series, 14307

Embrittlement, *see* Fracture of metals.

Emergencies, *see* Disasters.

Emergency community facilities act of 1970, report, 13457

Emergency home finance act of 1970:  
law, 13326  
report, 13457

Emmet County, Iowa, community profile, 13942

Emmons County, N. Dak., community profile, 13943

Employees, *see* Government officials and employees.

Employer's liability and workmen's compensation, workmen's compensation, publications, price lists, 15126

Employment:  
aspects of aging, Washington, D.C., hearings, 13706  
BLS establishment employment estimates, revised to Mar. 1969 benchmark levels, 14659  
Employment and training opportunities act of 1970, report, 13704  
employment patterns, union scales and earnings, construction industry, 14729  
incentives and training for members of needy families with dependent children—  
brief summary of act, 13548  
related material, 13727  
job patterns for minorities and women in private industry, 14353  
JOBS '70, introducing programs, 14655

Employment—Continued  
multipliers and sector income, their interactions on national economy, 13005

outlook—  
agriculture, 14715  
aircraft, missile and spacecraft manufacturing, 14717  
asbestos and insulating workers, 14695  
automobile salesmen, 14688  
automobile service occupations, 14704  
banking, 14724  
bookkeeping workers, office machine operators, 14686  
bricklayers, stonemasons, marble setters, tile setters, terrazzo workers, 14696  
building custodians, 14693  
cement masons, lathers, plasterers, 14697  
civil aviation, 14723  
commercial artists, industrial designers, interior designers and decorators, 14676  
construction laborers and hod carriers, 14698  
counseling and placement occupations, 14677  
diesel and farm equipment mechanics, 14705  
dispensing opticians, optical mechanics, 14708  
driving occupations, over-the-road and local truckdrivers, routemen, intercity and local busdrivers, taxi drivers, 14709  
electricians (construction), 14699  
electronics manufacturing, 14718  
elevator constructors, structural and other iron workers, 14700  
environmental scientists, geologists, geophysicists, meteorologists, oceanographers, 14673  
floor covering installers, 14701  
government (except post office), 14727  
hospital administrators, 14671  
hotel occupations, 14728  
industrial chemical industry, 14719  
insurance agents and brokers, 14689  
insurance business, 14725  
iron and steel industry, 14720  
life science occupations, life scientists, biochemists, 14674  
machining occupations, 14710  
maintenance electricians, industrial machinery repairmen, millwrights, 14706  
mathematicians and related occupations, 14678  
meat cutters, 14711  
medical laboratory workers, 14668  
medical record librarians, 14670  
models, 14679  
motor vehicle and equipment manufacturing, 14721  
operating engineers (construction), 14702  
paper and allied products industries, 14722  
petroleum and natural gas production and processing, petroleum refining, 14716  
photographers, photographic laboratory occupations, 14680  
police officers, State police officers, 14694  
post office occupations, 14728  
printing occupations, 14712  
programmers, systems analysts, electronic computer operating personnel, 14681  
radiologic technologists, 14669  
real estate salesmen and brokers, 14691  
recreation workers, 14682  
retail and wholesale trade salesworkers, manufacturers' salesmen, 14690  
roofers, sheet-metal workers, 14703  
sanitarians, 14672

## INDEX

- Employment—Continued**  
 outlook—Continued  
   securities salesmen, 14692  
   shipping and receiving clerks, 14687  
   shoe repairmen, 14713  
   teachers, 14683  
   technicians, engineering and science technicians, draftsmen, 14675  
   television and radio service technicians, 14707  
   urban planners, 14684  
   welders, oxygen and arc cutters, 14714  
   writing occupations, newspaper reporters, technical writers, 14685  
 security amendments of 1970, law, 13340  
 self-employed, reporting your income, 15174  
   *see also* Discrimination in employment—Occupations—Veterans.  
**Employment security activities, *see* Unemployment insurance.**  
**Employment Security Bureau, RES series, 15367**  
**Employment taxes:**  
   IRS looseleaf regulations system, 14612-613  
   unemployment insurance tax rates by industry, 15369  
**Emulsions, sensitized materials, photographic and copying, Federal item identification guide, change, 13791**  
**En route air traffic control, change, 13031**  
**Endowments, commentary, financial statistics, institutions of higher education, 14285**  
**Energy, *see* Electricity.—Force and energy.**  
**Engelmann spruce, *see* Spruce.**  
**Engineering:**  
   and design, stability of earth and rock-fill dams, EM manual, 14307  
   cold regions science and engineering, monograph series, 14306  
   computation standards for engineering work, 15195  
   design handbook, 13037  
   engineering monograph, 15142  
   engineering technical information system, technical report ETR (series), 14431  
   high contrast cathode ray tube engineering report, 14819  
   PACAF basic bibliography, 13026  
   structures, effects of ice pressure on designs, 14306  
   technicians, employment outlook, 14675  
   with nuclear explosives, symposium proceedings, 13069  
   *see also* Earthwork and structures—Marine engineering.  
**Engineering technicians, examination announcement, amendment, 13196**  
**Engineers:**  
   procurement of architect and engineer services by Federal Government, establish policy, hearing, 13522  
   *see also* Operating engineers.  
**Engineers Corps, Army: appropriations, 1971, report, 13697**  
   development of water resources, California, 14333  
   manual, 14307  
**Engines (aircraft):**  
   jet-engine exhaust and trailing vortex wakes, introduction, 13024  
   6-foot-diameter fan for turbofan engines, acoustic and aerodynamic performance, design of facility and QF-1 fan, 14856  
   turbo-jet engines, systems for deflections of jet streams, 14896  
**English language, perk up your grammar, workshop in effective English, 13204**  
**Enlisted personnel, *see* Armed Forces—Navy.**  
**Enrico, N. Mex., water supply in relation to nearby high energy detonations, investigation, 14530**  
**Enright, Frank J., relief, 13273, 13593**  
**Enrollment, *see* Colleges and universities—Elementary education—Schools.**  
**Environment:**  
   economy, energy, and environment, background study, 13351  
   educational programs, curriculum, etc., for environmental quality and ecological balance, establish, hearings, 13503  
   environmental and sociological quality of urban life, hearings, 13501  
   environmental quality, annual report of Council, 13772  
   Environmental quality education act, hearings, 13503  
   environmental scientists, employment outlook, 14673  
   Intergovernmental coordination of power development and environmental protection act, hearings, 13737  
   man and his environment, view toward survival, 13th National Conference of United States National Commission for UNESCO, memo, special issue, 15335  
   man's health and the environment, some research needs, 15010  
   natural, mercury contamination, bibliography, 14604  
   space environment, trade-off study and conceptual designs of regenerative advanced integrated life support systems (AILSS), 14807  
   spacecraft, visual detection, experimental and analytical study, 14812  
   technology assessment and environment, hearings, 13541  
   water in urban environment (series), 14526  
**Environmental control systems, *see* Control systems.**  
**Environmental Data Service:**  
   ESSA technical report, EDS series, 14345  
   services and publications, 14342  
**Environmental Quality, Council on, *see* Council on Environmental Quality.**  
**Environmental Quality Education, Advisory Committee on, *see* Advisory Committee on Environmental Quality Education.**  
**Environmental Quality Office, appropriations, 1971, amendments, proposal, 13564**  
**Environmental Science Services Administration:**  
   technical memorandums, 14343-344  
   technical reports, 14345-350  
**EP series, *see* National Aeronautics and Space Administration.**  
**Epidemiology, of disability, measurement of functional capacity limitations, 15169**  
**Epithelium, denuded, cupric ion absorption, 14761**  
**Epoxy compounds, boron/epoxy reinforcement of aluminum tubing in various amounts, compressive and column strengths, 14877**  
**Equal Educational Opportunity, Select Committee on, hearings, 13726**  
**Equal employment opportunity, *see* Discrimination in employment.**  
**Equal Employment Opportunity Commission, appropriations, 1971, hearings, 13708**  
**Equal rights, *see* Women.**  
**Equations:**  
   basic pulse-radar maximum-range calculation, guide equations, definitions and aids to calculations, 15060  
   class of semilinear hyperbolic systems analogous to differential-integral equations of gas dynamics, some general properties, 15076  
   van der Waerden's theorem on arithmetic progressions, note, 15082  
**Equations of motion, relativistic equations of motion of artificial earth satellite, integration, 14894**

Equilibrium, radiating, nonadiabatic, equilibrium inviscid flow over blunt body, inverse-method solution, 14863

Equipment development E.D. & T. report, 14434-435

Equipments, *see* Military supplies—also names or types of equipment.

Erie County, N.Y., community profile, 13944

Erie County, Ohio, community profile, 13945

Erlandson, Ray S., starting and managing small retail music store, 15159

Erosion:

drainage and erosion control, drainage for areas other than airfields, technical manual, 13056

enemy of the people, 15205

*see also*, Soil erosion.

Erosion control, *see* Soil erosion.

Error analysis:

analysis of effect of design and measurement errors on pump performance parameters, 14863

principle of conditional analysis, some applications, 14479

Errors, repeatability, accuracy, portability, and errors of portable alignment gyrocompass system, 14846

Escambia County, Ala., community profile, 13946

Escambia River and Valley, basin, pollution of interstate waters, Alabama-Florida, conference proceedings, 14401

Esparrza-Montoya, Jose G., conferring citizenship posthumously, 13289, 13377, 13616

ESSA, *see* Environmental Science Services Administration.

ESSA Research laboratories:

ESSA technical reports, ERL-AOML series, 14347

ESSA technical report ERL-ITS series, 14348-350

Essex County, N.Y., community profile, 13947

Estate tax, *see* Inheritance and transfer tax.

Esters, cellulose membranes, research and development, 14595

Estimation and sampling variance in health interview survey, 14934

Estlin, Arthur J., precision measurement and calibration, electricity-radio frequency, 14922

Estuaries:

estuarine fish, factors affecting pesticide-induced toxicity, 15277

estuarine fishes, acute toxicities of organochlorine and organophosphorous insecticides, 15277

national estuarine pollution study, report, 13559

national estuary study—

departmental editions, 15262-268

document editions, 13353, 13355

San Francisco Bay and Delta, Calif., water pollution, 13488

Etowah County, Ala., community profile, 13948

Europe:

Defense Dept. vehicle maintenance in Europe, reduction of cost as means of improving management, GAO report, 14514

Eastern, agricultural development and trade, patterns and perspectives, 14273

Western—

market profiles, 13221

social science research, special papers available, 15293

Evans, David G., turbine aerodynamic and cooling requirement for turbojet powered Mach 3 transport using methane fuel, 14871

Evaporation:

coevaporation of elements used in Zn doping of GaAs films, 15089

Evaporation—Continued

solar, disposal of brine—

design criteria, 14593

field experiments, 14597

Everglades National Park, additional lands, acquisition, report, 13658

EXAMENETNET, *see* Experimental Inter-

American Meteorological Rocket Network.

Excavation, excavating and foundation work, special trade contractors, 1967, statistics, 13438

Excise taxes:

internal revenue bulletin, cumulative, index-digest supplement system, 14608

IRS looseleaf regulations system, 14614

Executive departments, technology assessment system for Executive Branch, report, 13543

Executive Office of the President, appropriations, 1971, hearings, 13710-711

Exhaust plumes, *see* Jet plumes.

Exhaust systems, sealing of VTOL recirculation effects, 14827

Expenditures, *see* Finance.

Experimental InterAmerican Meteorological Rocket Network meteorological rocket observation data, etc., 1968 annual report, 14839

Experiments and experimentation:

analytical and experimental investigation of high entrainment jet pumps, 14820

experimental and analytical study of visual detection in spacecraft environment, 14812

Explorations, *see* Outer space.

Explosions, tire explosion, multidisciplinary accident investigation, 14978

Exponential functions, *see* Mathematics.

Export-Import Bank of United States, appropriations, 1971, report, 13400

Experts:

financing sources, 14644

tax treatment of export income. Domestic International Sales Corporation proposal of Treasury Department, 13551

*see also* names or classes of articles exported.

## F

F-4, *see* Fighter planes.

Fabretto, Marcella C., relief, 13298, 13378.

Fabrication, *see* names of materials fabricated.

Fabrics, *see* Textiles.

Facility management handbook, 13032

Facts for teenagers, smoking, health, and you, 13183

Fahnestock, George R., two keys for appraising forest fire fuels, 14476

Fair employment practices, *see* Discrimination in employment.

Fair housing U.S.A., 14573

Fair labor standards act, *see* Labor standards.

Fairfield County, Ohio, community profile, 13949

Fairs, mobile trade, continue program, hearings, 13535

Falanga, Ralph A., Inverse-method solution for radiating, nonadiabatic, equilibrium inviscid flow over blunt body, 14863

Fall River County, S. Dak., community profile, 13950

Fallout, *see* Radioactivity.

Families:

aid to families with dependent children, financial assistance, provide basic level—

brief summary of act, 13548

related material, 13727

Family assistance act of 1970—

brief summary, 13548

related material, 13727

Family planning, *see* Birth control.

## INDEX

- Family practice of medicine act of 1970, report, 13679
- Fans, 6 wing-mounted lift fans, wind tunnel investigation of V/STOL transport model, 14548  
*see also* Turbine fans.
- Farm equipment, *see* Farm implements and machinery.
- Farm implements and machinery:  
 farm equipment mechanics, employment outlook, 14705  
 farm machinery and equipment industry, changing structure and performance, 12991
- Farm labor, migrant agricultural workers, housing, regulations and standards, 12978
- Farm machinery, *see* Farm implements and machinery.
- Farm rents, *see* Rent.
- Farmer cooperative organizations, legal phases of farmer cooperatives, sample legal documents, 14354
- Farmer Cooperative Service, bulletins, 14354
- Farmers, Wyoming, recreation as possible income crop from land use, how and where to get help, 15226
- Farmers Home Administration, rural housing loans, 12999
- Farms:  
 commercial broiler farms, 1969 cost and returns, Georgia, 14268  
 commercial tobacco farms, 1969 costs and returns, Coastal Plain, N.C., 14269  
 costs and returns, 14268-270  
 farm tenure and cash rents in U.S., 14267  
 population, 1969 estimates, 14272  
 production and efficiency changes, summary report, 13006
- FAS, *see* Foreign Agriculture Service.
- Fastenings, fastening devices, Federal item identification guide, 13786
- Fatalities, *see* Death.
- Father Damien, memorial statue, Hawaii's presentation to National Statuary Collection, proceedings, 13558
- Faulk County, S. Dak., community profile, 13951
- Fauna:  
 bottom fauna, fish and aquatic life of Tennessee Valley streams, Powell River drainage basin, 15353  
 fauna of basin in central Florida Bay, 13242  
 North American, 15269  
*see also* Marine fauna.
- Fay, Richard R., auditory sensitivity of goldfish within near acoustic field, 14766
- Fayette County, Ala., community profile, 13952
- Fayette County, Iowa, community profile, 13953
- Fayette County, Ohio, community profile, 13954
- FCC, *see* Federal Communications Commission.
- FCR series, 14268-270
- FDL (series), 15260
- Federal agencies, *see* Government offices.
- Federal aid, *see* Grants-in-aid.
- Federal assistance, *see* Grants-in-aid.
- Federal Aviation Administration:  
 contractions used in air traffic control, etc., handbook, change, 13030  
 Deputy Administrator, nomination of Kenneth M. Smith, hearings, 13719  
 Federal aviation regulations, 14357  
 handbook series, 14358-359  
 procedures for determining excess spare parts, improvements needed, GAO report, 14502
- Federal Broker-Dealer Insurance Corporation, establish, hearings, 13529, 13715
- Federal buildings, *see* Public buildings.
- Federal civil service, *see* Civil service.
- Federal Communications Commission, decisions and reports, cumulative index digest, v. 1-15, 2d series, insert, 14364
- Federal credit unions:  
 act, amend, report, 13703  
 member accounts, share insurance protection, report, 13703  
 program, annual report, 14952
- Federal employees, *see* Government officials and employees.
- Federal facilities, *see* Public buildings.
- Federal fair employment practice act, *see* Discrimination in employment.
- Federal Field Committee for Development Planning in Alaska:  
 appropriations, 1971—  
 law, 13335  
 report, 13645
- Federal Government, *see* Government.
- Federal Highway Administration, highway planner, steps toward career growth program, committee report, 15133
- Federal Home Loan Bank Board, financial statements, 1969, GAO examination, 14498
- Federal Home Loan Bank System:  
 interest charges on homes, reduce—  
 law, 13326  
 report, 13407
- Federal home loan banks, financial statement 1969, GAO audit, 13374, 14494
- Federal Home Loan Mortgage Corporation:  
 create—  
 law, 13326  
 report, 13407
- Federal item identification guides:  
 bands, markers, plates, and signs, 13780  
 caps and plugs, 13781  
 cartridges, weapons, 13782  
 compressors, reciprocating, rotary and centrifugal, 13783  
 covers and doors, access, 13784  
 demolition materials, 13785  
 fastening devices, 13786  
 holder, electrical contact brush, 13787  
 hose, pipe and tube fittings, quick disconnect and self-sealing, 13788  
 miscellaneous relay and switch components, 13789  
 rings, wiping and sealing, change, 13790  
 sensitized materials, photographic and copying, change, 13791  
 sets, kits, and outfits, 13792  
 switch, sensing, 13793  
 tents and tarpaulins, 13794  
 threaded studs, change, 13795  
 tires, pneumatic and solid, change, 13796  
 turnbuckles, clevis/connector, rod ends and tie rods, 13797  
 valves, general purpose, and drain cocks, change, 13798  
 water purification equipment, 13799  
 wrapping and packaging machinery, 13800  
 wrenches and components, hand, nonpowered, 13801
- Federal jobs overseas, 13200
- Federal lands, *see* Public property.
- Federal Law Enforcement Training Center, consolidate, proposal, report, 13486
- Federal Library Committee, annual report, 14753
- Federal manual for supply cataloging, 13775-776
- Federal Maritime Commission:  
 appropriations, 1971—  
 amendment, proposal, 13568  
 hearings, 13708  
 Commissioner, reappointment of Helen D. Bentley, hearings, 13719  
 SF series, 14372-374
- Federal Meat Inspection Act, Joint Committee on Administration of, establish, hearings, 37707
- Federal Mediation and Conciliation Service:  
 appropriations, 1971—  
 report, 13426  
 waiving points of order, report, 13429

# OCTOBER 1970

Federal Metal and Nonmetallic Mine Safety Board of Review :  
 appropriations, 1971—  
 law, 13335  
 report, 13645  
 Federal National Mortgage Association :  
 purchase authority to include secondary market for conventional mortgages—  
 law, 13326  
 report, 13407  
 Federal Pay Advisory Commission, *see* Advisory Commission on Federal Pay.  
 Federal planning, *see* Economic policy.  
 Federal Power Commission :  
 Member, reappointment of John N. Naskas, hearing, 13719  
 1970 national power survey, advisory reports, 14379  
 publications, list, 14380  
 S series, 14375  
 Federal Prevailing Wage Advisory Committee, establish, report, 13408  
 Federal property, *see* Public property.  
 Federal property and administrative services act, *see* Public property.  
 Federal Radiation Council :  
 appropriations, 1971—  
 report, 13426  
 waiving points of order, report, 13429  
 Federal regulations, *see* subjects.  
 Federal reserve banks :  
 direct purchase of U.S. obligations, authorization, extend, law, 13334  
 Federal reserve act, amend, law, 13334  
 Federal Reserve System Board of Governors :  
 publications, list, 14389  
 regulation series, 14393-397  
 Federal Salaries Advisory Committee, *see* Advisory Committee on Federal Salaries.  
 Federal service, *see* Civil service.  
 Federal-State-local relations, *see* Intergovernmental relations.  
 Federal supply catalog, *see* Government supplies.  
 Federal Trade Commission :  
 act, amend—  
 hearings, 13717  
 report, 13709  
 Federal Water Pollution Control Administration, Industrial Pollution Control Branch projects, 14410  
 Federal Water Quality Administration :  
 appropriations, 1971, public works, hearings, 13709  
 municipal waste treatment plants, need for improved operation and maintenance, GAO report, 14505  
 Feeders, food, feeders, and feeding for songbirds, 15207  
 Fees, District of Columbia license and user fees, authorize District of Columbia Council to fix, report, 13684  
 Feet, *see* Foot.  
 Fence posts, preservative treatments and service life in Puerto Rico, 1969 progress report, 14470  
 Fenner, Don F., upper and deep sound channel in northeast Atlantic, 15044  
 Fermentation, research, publications and patents, Northern Utilization Research and Development Division, Peoria, Ill., 12961  
 Fern, Alan, Leonard Baskin, evaluation of his life and work, 14948  
 Ferrifero Quadrilatero :  
 Minas Gerais, Brazil, gneissic and igneous rocks, 14537  
 regional geology (series), 14537  
 Ferrous metals, ferrous ion reduction in phosphoric acid, titrimetric determination of uranium in product, fuel, and scrap materials, 13075  
 Fertilizers :  
 1969 trends, 15350  
 supply, 12970  
 FG series, 13189

FHA, *see* Farmers Home Administration.  
 Fiberboard, *see* Pulpboard.  
 Fidelity of simulation and transfer of training 13088  
 Fighter planes, F-4 proficiency differences of pilot and navigator, 2d-seat crewmembers, southeast Asia, evaluation, 13011  
 FIIG, *see* Federal item identification guides.  
 Fills, *see* Sanitary fills.  
 Film slides, *see* Filmslides.  
 Films (chemical) :  
 films spread on liquid surface, compressibility, modulus of compressibility, and perpendicular component of molecular dipole moment, CDC3800 computer program to calculate and plot, 15070  
 GaAs films, Zn doping using coevaporation of elements, 15089  
 Films (photography), *see* Filmslides—Motion pictures.  
 Filmslides :  
 color, Agriculture Dept., list, 12994  
 National Archives, list, 14906  
 Filmstrips, color, Agriculture Dept., list, 12994  
 Filters and filtration :  
 crazed resin filtration of combined sewer overflows self-adjusting and self cleaning filter feasibility study, 14416  
 iodine filter tests at NRL nuclear reactor, 15078  
 Filtration, *see* Filters and filtration.  
 Finance :  
 city government, 13179  
 export financing sources, 14644  
 Federal receipts for 1970 and 1971, estimates, 13553  
 financial developments in 1970, 1st quarter, 14390  
 financial statements—  
 Federal Home Loan Bank Board, GAO examination, 14498  
 Federal home loan banks, GAO audit, 13374, 14494  
 St. Lawrence Seaway Development Corporation, GAO audit, 14495  
 financial statistics, institutions of higher education, commentary on endowment, 14285  
 forest fire control, cooperative program, financing, Federal allotments to States for forest fire cooperation, 14428  
 government finances, GF series, 13179-180  
 governmental, 1968-69, 13180  
 local public school systems 1967-68 statistics, 14297  
 low-rent housing, financial management handbook, 14578  
 mobile home parks, 14579  
 publications, price list, 15125  
 venture capital financing, guide, 13218  
*see also* Banks and banking.  
 Finance Committee, Senate :  
 committee prints, 13727, 13730  
 hearings, 13728-729  
 Financial assistance, *see* Grants-in-aid.  
 Financial statements, *see* Finance.  
 Financial statistics, *see* Finance.  
 Finch, John R. :  
 multidisciplinary accident investigations—  
 auto/auto, 15001  
 auto/auto/auto/auto—rear-end, 14993  
 auto/auto—front-end/leftside, 15000  
 car/car—front/side, 14995-996, 14998  
 car/car—2 fixed object—front/side, 14997  
 car/parked car—rear end/front end collision, 14986  
 car-train collision, 14973  
 car-turnover, 14994  
 intersection collision, 14985  
 rear end collision, 14977, 14984  
 single car-fixed object, 14999  
 three vehicle intersection collision, 14974  
 two vehicle intersection collision, 14979

# INDEX

- Finch, Roland, U.S. fish protein concentrate program, 13237
- Fine Arts Commission:  
appropriations, 1971—  
law, 13335  
report, 13645
- Fingerprints, automated identification, 14926
- Finland, atomic energy cooperation for civil uses, agreement, 15328
- Finley, Dorothy L., human performance prediction in man-machine system, technical review, 14823
- Fire:  
balsam, American woods, 14425  
Douglas—  
fir region, 1966 timber flows and utilization patterns, 14474  
new and easier way to estimate quality of sawtimber, 14477  
noble fir, preliminary site index curves from stem analysis data, 14460  
white and red, natural regeneration, influence of several factors, 14461
- Fire control, *see* Fires.
- Fire fighting, *see* Fires.
- Fire prevention, *see* Fires.
- Fireman (firefighters):  
District of Columbia, salaries, increase, law, 13304  
examination announcement, amdt., 13195
- Fires:  
car/truck collision, fire, multidisciplinary accident investigation, 14989  
far northern regions, bibliography, 14602  
Fire research and safety act of 1968, authorize appropriations, report, 13673  
ground crash fire effects on aircraft fuselage integrity, 14360  
nuclear weapon firefighting procedures, Army technical bulletin, 13054  
Research and safety act of 1968, authorize appropriations, report, 13422  
suppression on public lands, Interior Dept. contracts, report, 13643  
*see also* Forest fires.
- Fish and fisheries:  
anadromous fish resources, their conservation, development, enhancement, 14421  
supplement, 14422  
commercial fisheries, increase assistance, hearings, 13534  
commercial fisheries review, separates, 13236-240  
continuous transmission frequency modulated sonar studies, 13245  
current fishery statistics, CFS series, 13231-232  
eradication of fish, 15204  
estuarine fish—  
acute toxicities of organochlorine and organophosphorous insecticides, 15277  
factors affecting pesticide-induced toxicity, 15277
- Fish and wildlife act of 1956, amend, hearings, 13534
- fish inventory data, Norris Reservoir, 15351
- fish passage report, Bonneville, The Dalles, John Day, McNary, Ice Harbor, Lower Monumental Dams, 14302
- fish protein concentrate program, 13237
- fish versus culverts, considerations for resource managers, 14431
- Fisheries protection act, amend, hearings, 13534
- fishery products, imports and exports, 1968-69 annual summary, 13231
- fishery resources, seasonal and geographic characteristics, California current region, 2, Pacific saury, 13240
- illegal fishing in U.S. fishery zone, strengthen penalties, report, 13487
- juvenile fish, preliminary designs of traveling screens to collect, 13246
- Fish and fisheries—Continued  
market outlook for estuary products, national estuary study—  
departmental edition, 15266  
document edition, 13355  
Maryland landings, annual summary, 13232  
Middle Atlantic Ocean, western region, agreement with Poland, 15322  
reciprocal fishing privileges, agreement with Canada, 15313  
special scientific reports, fisheries series, 13241-246  
Tennessee Valley streams, their fish, bottom fauna and aquatic habitat, Powell River drainage basin, 15353  
water resource projects, cost sharing grants, law, 13318  
Yakima River, distribution and abundance of fish, 13241  
*see also* names or classes of fish.
- Fish Bayou, watershed work plan for flood prevention, drainage, fish and wildlife water resource, improvement, 15251
- Fish disease leaflet FDL—(series), 15260
- Fish nets, wade seine construction and method of use, 15236
- Fish ponds, pond management for largemouth bass and bluegill, 15224
- Fish Stream, watershed work plan for flood prevention and recreation, Penobscot County, Maine, 15252
- Fisher, James R., FORTRAN program for fast Fourier transform, 15074
- Fisheries, *see* Fish and fisheries.
- Fishery products, *see* Fish and fisheries.
- Fishing, *see* Fish and fisheries.
- Fishponds, *see* Fish ponds.
- Fittings (auxiliary parts), *see* Pipe and pipe fittings.
- Fivemile Creek, Allegany, N.Y., flood plain information, 14308
- Flags:  
United States—  
flag to be flown over remains of U.S.S. Utah at Pearl Harbor, report, 13657  
presentation to parents of deceased veterans, require, report, 13693
- Flagstaff, Ariz., Flagstaff Public Schools, narcotic and drug education, grades K-12, 14995
- Flammable fabrics, *see* Textiles.
- Flaps (aircraft):  
flat plate with deflected trailing edge flap heat transfer measurements at Mach 8 with transition effects included, 14861
- Fleming, Walter E., Japanese beetles in United States, 12975
- Floral behavior of prestressed concrete composite tee-beams, 14915
- Flies:  
crane flies (Diptera, Tipulidae), Bredin-Archbold-Smithsonian biological survey of Dominica, 15161  
horse bots, how to control them, 12985
- Flight:  
control systems and automatic piloting of aircraft, problem of operational reliability, 14897  
inspection manual, change, 14363
- Flight crews, Army aircrew protective armor in Vietnam, evaluation, 13044
- Flight engineers, employment outlook, 14723
- Flight instruments, *see* Aeronautical instruments.
- Flight simulators, simulation, fidelity, and transfer of training, review of problem, 13088
- Flood control, *see* Floods.
- Flood relief, *see* Floods.
- Floods:  
flood plain information—  
Allegheny River and Fivemile Creek, Allegany, N.Y., 14308  
Beargrass and Upper Mill Creeks, Jefferson County, Ky., 14309

## Floods—Continued

flood plain information—continued

Crow Creek, Cheyenne, Wyo., 14311

Floyds Fork, Jefferson County, Ky., 14312

Manitowoc County, Wis., 14313

Mississippi River and Cape LaCroix Creek, Cape Girardeau, Mo., 14314-315

Pond Creek, Jefferson County, Ky., 14317

Portneuf River and tributaries, Pocatello, Idaho, 14316

Rock River, Winnebago County, Ill., 14318

Sage Creek, Casper, Wyo., 14310

Santa Clara River, vicinity of Santa Paula, Ventura County, Calif., 14319

Santa Ynez River, Lompoc to Pacific Ocean, Santa Barbara County, Calif., 14320

how to avoid damage—

Allegheny, N.Y., 14321

Beargrass Creek, Jefferson County, Ky., 14324

Floyds Fork, Jefferson County, Ky., 14326

Manitowoc County, Wis., 14322

Pond Creek, Jefferson County, Ky., 14329

Upper Mill Creek, Jefferson County, Ky., 14325

Pocatello, Idaho and vicinity, 14323

prevention and watershed protection—

Fish Bayou Watershed, Crittenden and St. Francis Counties, Ark., 15251

Lower Clear Boggy Creek Watershed, Atoka, Bryan, Coal, and Johnston Counties, Okla., 15229

Paint Creek Watershed, Harper County, Okla., 15250

Sanderson Canyon Watershed, Terrell, Pecos, and Brewster Counties, Tex., 15246

Sugar River Watershed, Grafton, Merrimack and Sullivan Counties, N.H., 15253

prevention, watershed protection and recreation, Fish Stream Watershed, Penobscot County, Maine, 15252

special flood plain information, Arkansas River, Fort Dodge-Wilroads Gardens section, Dodge City, Kans., 14332

upper Des Moines River basin, Iowa, 14527

upper Midwestern U.S., 14528

Floor covering installers, *see* Floor layers.

Floor covering mills, census of manufactures, 1967, industry statistics, 13148

Floor layers, floor covering installers, employment outlook, 14701

Floors and flooring:

floor laying and other floor work, special trade contractors, N.E.C., census of construction industry, 1967, statistics, 13131

mosaic-parquet hardwood slat flooring, voluntary product standard, 14930

Flora, *see* Plants.

Florida:

county business patterns, 13160

foreign vessel activities in or near U.S. waters off coast, Coast Guard policy and operations, hearings, 13744

pollution of interstate waters and intrastate portions of Escambia River basin, conference proceedings, 14401

wilderness, designate certain lands, hearing, 13743

Florida Bay, central, flora and fauna in basin, 13242

Floss, Ludmilla, sprinkler irrigation, bibliography selected from foreign literature, 14603

## Flow:

flow properties in angle-of-attack plane of conical flow, approximation of distribution, 14883

hypersonic, over 15° semiapex cone in helium, angle of attack and bluntness effects on intensity, direction, etc., 14862

radiating, nonadiabatic equilibrium inviscid flow over blunt body, inverse method solution, 14863

scaling of VTOL recirculation effects, 14827

wing slipstream flow interaction, analysis, 14829

Floyd, Hilton M., wade seine construction and method of use, 13236

Floyd County, Iowa, community profile, 13955

## Floyds Fork:

floods, how to avoid damage in Jefferson County, Ky., 14326

Jefferson County, Ky., flood plain information, 14312

Flue dust, fly ash utilization, applications and technology, summary, 14779

Fluidics, sewer fluidic regulator, combined, design, 14418

Fluidized bed reactors, used for sorption of SO<sub>2</sub> and regeneration of alkalized alumina, 14792Fly ash, *see* Flue dust.

Fog, dissipation systems in France, economic studies and test results, 15341

## Fog signals:

Naval Oceanographic Office, lists—

Norway, Iceland and Arctic Ocean, 15054

Pacific Ocean, western, etc., change, 15053

## Food:

aerospace technology, conference, 14837

cured, census of manufactures, 1967, industry statistics, 13145

dietary levels of households in South, 12984

donated for disasters, guide for State and local officials, 13000

emergency aid for Cella victims, 13001

freeze-drying, for Armed Services, 13045

guide for older folks, 12980

household consumption survey, 1965-66 reports, 12964

human needs, national nutrition survey, hearings, 13756

miscellaneous and kindred products, census of manufactures, 1967, industry statistics, 13147

quality, Government's concern (address), 12972

sealing through contaminated pouch surfaces, 13043

*see also* names of foods.

Food for birds, food, feeders, and feeding for songbirds, 15207

## Food stamps:

act of 1964, amend, report, 13464

program, appropriation 1970, authorization, increase, report, 13464

Foot, feet first, booklet about foot care, for older persons and people who have diabetes, 14569

Footwear, *see* Boots and shoes.

For all the people, Harry S Truman Library (film), 14905

Force and energy, dynamic tear force, practical performance criteria for fracture resistance, 15064

*see also* Jets.

Forebay Dam, Grand Coulee, 3d power plant project, shear and sliding resistance tests of rock joints, 15145

# INDEX

- Forecasts:  
 forecasting—  
   economic activity in 1970 (remarks), 14391  
   occupational job requirements, 14653  
   snow survey and water supply forecasts, conducted cooperatively by Federal-State-private organizations, 15238  
*see also* Weather forecasts.
- Foreign affairs, *see* International relations.
- Foreign Affairs Committee, House:  
 committee prints, 13508-509, 13511, 13513-515  
 hearings, 13507, 13510, 13512, 13516-518
- Foreign Affairs Research Documentation Center, special papers available, 15293
- Foreign Agricultural Service:  
 biographic register, 15292  
 miscellaneous, FAS-M series, 14424
- Foreign agriculture, *see* Agriculture.
- Foreign aid:  
 appropriations, 1971, report, 13400  
 foreign assistance programs, background material, 13509  
*see also* Central America.
- Foreign assistance, *see* Foreign aid—Military aid.
- Foreign claims, *see* Claims.
- Foreign Claims Settlement Commission, appropriations, 1971, hearings, 13708
- Foreign countries:  
 background notes, 15278-291  
 countries, dependencies, and areas of special sovereignty, Federal general data standard representations and codes, 14919
- Federal jobs overseas, 13200
- foreign economic trends and their implications for United States, ET series, 14617-643
- United States armed forces, use, background information, 13508
- social security programs throughout the world, 15171
- Foreign currencies, *see* Money.
- Foreign policy, *see* International relations.
- Foreign relations, *see* International relations.
- Foreign Relations Committee, Senate:  
 committee prints, 13731, 13734  
 hearings, 13732-733, 13735
- Foreign Service, department and foreign service series, 15292
- Foreign Service Institute:  
 programmatic course, Spanish, 15299  
 instructor's manual, 15300
- Foreign trade, *see* Commerce—*also* names of countries.
- Foreign visitor arrivals, 15371
- Forest fires:  
 appraising forest fire fuels, two keys, 14476  
 cooperative control program financing, Federal allotments to States for forest fire cooperation, 14428  
 fire control notes, index, 14436  
 fire weather, meteorological information to forest fire control operations, 12976  
 national forests, annual report, 14452  
 slash fire atmospheric pollution, description, etc., 14475
- Forest pest leaflets, 14439-446
- Forest planting, experimental planting of 14 tree species on Pennsylvania's anthracite strip-mine spoils, 14472
- Forest Service:  
 appropriations, 1971, law, 13335  
 contracts for procurement of aerial facilities and services for protection and management of national forests, renewal, report, 13418  
 equipment development ED&T report, 14434-435  
 organization and management systems, summary from manual, 14455
- Forest Service—Continued  
 research notes, 14458-463  
 research papers 14464-481  
 resource bulletins, 14482-485
- Forests and forestry:  
 Central States Forest Tree Improvement Conference proceedings, 14457  
 forest atlas of South, 14437  
 forest statistics for Delta and Ouachita regions of Arkansas, 14485  
 forest waters, George Washington National Forest, 14447  
 forestry research progress, McIntyre-Stennis cooperative forestry research program, annual report, 13769  
 insect conditions in United States, 14438  
 principle of conditional error, some applications, 14479  
 research papers, 14464-481  
 slash fire atmospheric pollution, description, etc., 14475  
 southern hardwood forests, identifying juvenile seedlings, 14480  
 Tennessee Valley Authority publications, list, 15352  
 trees and forests in crowded world of tomorrow, Southern States and Forest Service cooperative planning, 14488  
 woodland in Soil Conservation Service, 15249  
*see also* Forest fires—  
   National forests—Timber—Trees.
- Forms, blanks, etc., operating forms, Federal manual for supply cataloging, change, 13770
- Forsyth County, N.C., community profile, 13956
- Fort Barrancas, Fla., historic value, recognize hearings, 13526
- Fort Massachusetts, Miss.:  
 historic value, recognize—  
   hearings, 13526  
   report, 13460
- Fort Pickens, Fla.:  
 historic value, recognize—  
   hearings, 13526  
   report, 13460
- Fort Point National Historic Site, establish, report, 13462
- Fort Redoubt, Fla.:  
 historic value, recognize—  
   hearings, 13526  
   report, 13460
- Fort San Carlos, Fla.:  
 historic value, recognize—  
   hearings, 13526  
   report, 13460
- FORTTRAN, *see* Computer programs/programming.
- Fossils, paleontology of Canal Zone and adjoining parts of Panama, 14534
- Foster, Albert R., teaching soil and water conservation, classroom and field guide, 12998
- Foster County, N. Dak., community profile, 13957
- Foudriat, Edwin C., analysis of limited memory estimators and their application to spacecraft attitude determination, 14835
- Foundations (construction):  
 excavating and foundation work, special trade contractors, 1967 statistics, 13138
- Fourier transforms, *see* Transformations (mathematics).
- Fourmile Run:  
 City of Alexandria and Arlington County, Va., flood protection, engineers report—  
   departmental edition, 14327  
   document edition, 13367
- Fox Indians, *see* Sac and Fox Indians.
- Foxes, red fox, habitat needs, etc., Wyoming, 15227
- FPC, *see* Federal Power Commission.
- Fracture, *see* Fracture of metals.

- Fracture of metals:  
corrosion fatigue crack growth behavior, 15080  
dynamic tear energy, practical performance criteria for fracture resistance, 15064  
fracture in polycrystalline aluminum oxide, phenomenological and statistical analysis, 14351  
fracture toughness of—  
nuclear vessel welds, influence of composition, 15087  
steel, thick-section, dynamic tear test investigations, 15077  
ions formed within stress-corrosion cracks, spectrophotometric and procedures for determination, change, 15061  
stress intensity and crack-opening displacement for coplanar cracks in thermoelasticity, 15067
- France:  
economic trends and their implications for United States, 14618  
fog dissipation systems, economic studies and test results, 15341  
foreign trade regulations, 13230
- Franchises (business):  
District of Columbia Income and franchise act of 1947, amend, report, 13685
- Frankenstein, Guenther E., dynamic Young's modulus and flexural strength of sea ice, 14304
- Franklin County, Ala., community profile, 13955
- Franklin County, N.C., community profile, 13959
- Franklin County N.Y., community profile, 13960
- Franklin County, Ohio, community profile, 13961
- Franklin Delano Roosevelt Memorial Commission, operation, additional funds, authorize, report, 13423
- Franklin Park, Washington, D.C., historic survey, 15026
- Franks, Keum Ja, relief, 13620
- Fredericksburg, Tex., soil handbook for soil survey, 15233
- Freeman School, addition to Homestead National Monument of America, report, 13459
- Freeways, see Roads and highways.
- Freeze-dried foods, see Dried foods.
- Freeze-drying, see Lyophilization.
- Freezing, vacuum-freezing vapor compression process, evaluation on brackish water, 14593
- Freight, see Shipments.
- Freight cars, shortages, alleviate by increasing daily hire rates, hearing, 13723
- Freight rates:  
increases, establish advisory commission to make study, hearings, 13718  
through rates and joint rates between motor common carriers and common carriers by rail, express and water, establish, hearings, 13721
- Fremont County, Iowa, community profile, 13962
- French Meadows Recreation Area, general information, 14448
- Frequencies:  
interrogation repetition frequency sets nonsynchronous for  $n$  interrogations, methods for calculating and analyzing, 15081  
time and frequency transfer via microwave link, 15096  
two-frequency Randle Cliff radar, dual PRF, dual-pulse-length synchronizer, 15095
- Frequency band, theoretical LF, VLF field calculations with spherical wave functions of integer order, 14348
- Fritschen, Leo, slash fire atmospheric pollution, 14475
- Frozen foods, census of manufactures, 1967, industry statistics, 13145
- Frozen ground, isothermal compressibility of frozen soil and ice to 30 kilobars at  $-10^{\circ}\text{C}$ , 14305
- Fu, W. S., stress intensity and crack-opening displacement for coplanar cracks in thermoelasticity, 15067
- Fuel:  
appraising forest fire fuels, two keys, 14476  
titrimetric determination of uranium in product, fuel, and scrap materials after ferrous ion reduction in phosphoric acid, 13075  
see also Turbine fuel.
- Fuel oil, diesel fuel oils, 14790
- Fuels, see Fuel.
- Fulk, Edwin E., relief, 13275
- Fulton County, N.Y., community profile, 13963
- Functions (mathematics), see Mathematics.
- Funds, land and water conservation fund act of 1965, amend, report, 13428
- Funk, David T., proceedings of 6th Central States Forest Tree Improvement Conference, Oct. 16-18, 1965, Carbondale, Ill. and St. Louis, Mo., 14457
- Furnishings (household), see Household goods.
- Fuselage, aircraft, effect of ground crash fire on integrity, 14360
- Futures, see Commodity exchange—Speculation.

## G

- Gabon, background notes, 15282
- Gadomski, S. T., desorption of  $\text{CO}_2$  from three-component solution, 15065
- Gaines, Adelaide, land conveyance, 13576
- Galaxies, galactic cosmic-rays, calculation of dose and dose-equivalent rates, to man in atmosphere, 13073
- Gallagher, J. P., corrosion fatigue crack growth behavior, 15080
- Gallaudet College:  
demonstration elementary school for the deaf, maintain and operate—  
hearing, 13751  
report, 13678
- Gallinule, hunting, possession, transportation, importation, 1970-71, Federal regulations governing, 15276
- Gallium arsenides, GaAs films, Zn doping using coevaporation of elements, 15089
- Game and game birds, migratory birds, Federal regulations governing hunting, possession, transportation, importation, 15276
- Garden of the Gods Recreation Area, Shawnee National Forest, general information, 14449
- Gardener, Daniel E., foreign trade regulations of West African Customs Union (Dahomey, Ivory Coast, Mali, Mauritania, Niger, Senegal, Upper Volta) and Togo, 13219
- Gardening, see Gardens.
- Gardens, home and garden bulletins, 12980-983
- Gardner, William K., methods for calculating and analyzing interrogation repetition frequency sets nonsynchronous for interrogations, 15081
- Garrison Diversion unit, see Missouri River Basin project.
- Gary, Ind., low-pressure natural gas distribution system, pipeline accident report, 15040
- Gas:  
natural—  
low pressure distribution system, Gary, Ind., pipeline accident report, 15040  
production and processing industry, employment outlook, 14716  
sampling system, development, 14821  
see also Gases.

# INDEX

- Gas dynamics, class of semilinear hyperbolic systems analogous to differential-integral equations of gas dynamics, some general properties, 15076
- Gas station attendants, *see* Service station attendants.
- Gases:
- asphyxiating, poisonous, or other gases, prohibit use in war, protocol, 13574
  - first-order effects of plane surfaces on kinetic behavior, 14564
  - gas flood efficiency improvement by polymer injection, 14798
  - gas-solid suspension, heat transfer to, from externally heated tube, calculation procedure, 14775
- Gasoline:
- lead additives tax (remarks), 15365
  - motor, winter 1969-70, petroleum products survey, 14791
- Gaston County, N.C., community profile, 13964
- Gastropods. Tertiary mollusks of Canal Zone and adjoining areas, 14534
- GATT, *see* General Agreement on tariffs and trade.
- Gazetteers, *see* Geographic names.
- Geauga County, Ohio, Community profile, 13965
- Geese, *see* Canada geese.
- Gelger, Robert L. Jr., organization and development of Soil Conservation Service, reference for employees, 15196
- General Accounting Office, appropriations, 1971, legislative, report, 13440
- General Agreement on tariffs and trade, protocol for accession to agreement with United Arab Republic, 15334
- General Instrument Corporation, F. W. Sickles Division, production and maintenance workers, electrical components and apparatus and allied products, Tariff Commission report, 15344
- General Service Administration:
- contracts for janitorial services, trash removal, and similar services in federally owned and leased properties, not to exceed 3 years, authorize, report, 13444
  - role in motor vehicle safety standards, special study, 15043
- Generators, *see* Electric generators.
- Genesee County, N.Y., community profile, 13966
- Geneva conventions, prisoners of war treatment, with reservations, if any, by governments participating in hostilities in Vietnam, Cambodia, and Laos, 13511
- Geneva County, Ala., community profile, 13967
- Geochemistry, geochemical anomalies, Serpentine Hot Springs area, Seward Peninsula, Alaska, 14522
- Geodesy, space geodesy altimetry, pulse compression radar study, 14822
- Geographic Names Board, gazetteers, 14517
- Geographical names:
- gazetteers, 14517
  - U.S.S.R., standard place names, 14517
- Geography and History, Pan American Institute of, *see* Pan American Institute of Geography and History.
- Geological Survey:
- bulletins, 14518-525
  - circular, 14526
  - national reference list of water quality stations, 1970 water year, 14532
  - new reports about water in Pacific Northwest, 14533
  - professional papers, 14534-538
  - research, 14538
  - water supply papers, 14549-556
- Geologists, employment outlook, 14673
- Geology:
- Canal Zone and adjoining parts of Panama, 14534
  - Geology—Continued
  - contributions to economic geology (series), 14522
  - contributions to general geology (series), 14521
  - Geological Survey research, 14538
  - North American, bibliography, 14518-519
  - quaternary, of Bear and Long Valleys, Idaho, West-central Idaho, 14521
  - regional, of Quadrilátero Ferrífero, Minas Gerais, Brazil (series), 14537
  - Serpentine Hot Springs area, Seward Peninsula, Alaska, 14522
  - Sycamore Flat and Paraiso Springs quadrangles, Monterey County, Calif., 14520
  - see also* Pre-Cambrian period—Stratigraphy.
  - Geometry, geometric factors of bipole-dipole arrays, 14523
  - Geophysicists, employment outlook, 14673
  - George, David H., evaluation of laser for use as transmissometer calibrator, 15340
  - George, L. C., recovery of metals from electroplating wastes by waste-plus-waste method, 14799
  - George Washington National Forest, forest waters, George Washington National Forest, 14447
  - George Washington University, charter, amend, report, 13379
  - Georgetown, D.C., *see* District of Columbia.
  - Georgia:
    - elementary teacher education, feasibility of model program, technical report, 14282
    - Rocky Face Ridge Site, land conveyance, report, 13413
    - south, coastal plain, conservation irrigation guide for design of sprinkler irrigation systems, 15197
    - wilderness, designate certain lands, hearing, 13743  - Gerathewohl, Siegfried J., fidelity of simulation and transfer of training, review of problem, 13088
  - Germanium, nomographs for use in fabrication and testing of Ge(Li) detectors, 14925
  - German States, despatches from U.S. Ministers, 1799-1801, 1835-1906, pamphlet to accompany microcopy, 14909
  - Germany:
    - despatches from U.S. Ministers, 1799-1801, 1835-1906, pamphlet to accompany microcopy, 14909
    - Federal Republic—
      - air service, lease of equipment, agreement, 15321
      - education, financing programs, agreement, 15324  - Geyer, George B., effect of ground crash fire on aircraft fuselage integrity, 14360
  - GF series, 13179-180
  - Ghaffari, Abolghasem, integration of relativistic equations of motion of artificial earth satellite, 14894
  - Ghana, agricultural commodities, agreement, 15323
  - Glanutsov, Peter E., relief, 13281, 13604
  - Gibson, A. E., remarks, July 11, 1970, 14757
  - Gibson County, Tenn., appraisal of potentials for outdoor recreational development, 15183
  - Gift tax, *see* Inheritance and transfer tax.
  - Gila project, Yuma Mesa division, construction of supplemental irrigation facilities, report, 13471
  - Giroux, P. R., summary of ground water hydrologic data in Michigan, 14540
  - Glade Park, Colo., public lands outdoor recreation map of area, 14747
  - Glass, coated accelerator grid on 15-centimeter-diameter Kaufman thruster, 1000-hour endurance test, 14859
  - see also* names of articles made of glass.
  - Glassworkers, *see* Glaziers.

- Glaziers, glass, and glazing work, special trade contractors, census of construction industry, 1967, statistics, 13137
- Glen Canyon National Recreation Area, Baker Ranch, history, 15024
- Glens Falls, N.Y., aircraft accident, report, 15038
- Global navigation and traffic control using satellites, 14895
- Gneiss, gneissic and igneous rocks of Quadrilátero Ferrífero, Minas Gerais, Brazil, 14537
- Goddard, Robert H., *see* Goddard Rocket and Space Museum.
- Goddard Rocket and Space Museum: congressional recognition, report, 13478  
print as Senate document, report, 13629
- Goggles, *see* Spectacles.
- Golden Spike National Historic Site, historical inset map, and documented narrative, 15031
- Golden Valley County, N. Dak., community profile, 13968
- Goldfish, auditory sensitivity within near acoustic field, 14706
- Golueke, C. G.: comprehensive studies of solid waste management, 13255  
solid waste management, abstracts and excerpts from literature, 13258
- Gomez, Manuel: prediction of—  
coal grindability from exploration data, 14795  
sodium concentration in lignite, 14794
- Gonorrhea, about syphilis and gonorrhea, general information, 15130
- Goodrich, B. F., Footwear Co., Watertown, Mass. plant, certain workers, protective footwear of rubber or plastic and rubber- or plastic-soled footwear with fabric uppers, Tariff Commission report, 15346
- Goodsell, Wylie D.: commercial broiler farms, Georgia, 14268  
migratory sheep ranches, 1969, costs and returns, 14270
- Gordon, Donald T., natural regeneration of white and red fir, influence of several factors, 14461
- Gore Range-Eagles Nest, primitive area and vicinity, Summit and Eagle Counties, Colo., mineral areas resources, 14524
- Gorham, Kathryn A., selected reading suggestions for parents of mentally retarded children, 13185
- Government: city finances, 13179  
Federal—  
automated data processing equipment, inventory, 14309  
domestic programs to assist American people to furthering their social and economic progress, description, 13824  
finances, 1968-69, 13180  
government finances, GF series, 13179-180  
local government agencies, guide to establishing cost allocation plans and indirect cost proposals for grants and contracts with Federal Government, 14565  
State and local, equal opportunity program in employment, 14564  
*see also* Intergovernmental relations.
- Government buildings, *see* Public buildings.
- Government contracts: contractor procurement system reviews, Defense Dept., NASA, improving effectiveness, GAO report, 14507  
contractors' noncompetitive price proposals, questionable waivers of pre-award audits GAO report, 14513  
contracts and grants with Federal government, establishing cost allocation plans and indirect cost proposals, guide to local government agencies, 14565
- Government contracts—Continued firefighting services, protection of public lands from fire, administered by Interior Dept., report, 13648  
improving use of cargo space on aircraft operated by contract with Defense Dept., GAO report, 14492  
MLLSCAP, military standard contract administration procedures, 13811  
negotiated defense contracts, establish uniform accounting standards—  
law, 13346  
reports, 13430, 13441, 13455  
TEX contract investigation, hearings, 13739  
use of advertised contracting in military construction, survey of use, Defense Dept., GAO report, 14516
- Government facilities, manufacturing activity in Government establishments, 1967 census of manufacturers, 13153
- Government for District of Columbia Commission, *see* District of Columbia Commission on Government.
- Government life insurance, *see* Life insurance.
- Government occupations, employment outlook, 14727
- Government offices: congressional oversight of administrative agencies, report, 13745  
Federal agencies and Black colleges, 14371  
general Government matters, appropriations, 1970, continue—  
law, 13300  
report, 13394  
government organization manual, 14385  
independent offices, appropriations, 1971, report, 13434  
rental space for accommodation of District of Columbia agencies and activities report, 13647  
sovereign immunity, procedure for judicial review of certain administrative agency action, hearing, 13750
- Government officials and employees: employee benefits and services, bibliography, 13205  
Federal blue-collar workers, occupations, 13202  
prevailing rate employees, equitable system for fixing and adjusting pay, report, 13408  
salary and retirement annuity, increases, 13539  
Salary comparability act, of 1970, hearings, 13537  
State and local governments, equal opportunity program in employment, 14564  
wage board employees, compensation, adjust, hearings, 13757  
*see also* Civil service.
- Government Operations Committee, House: hearings, 13520-521  
reports, 13443-445, 13486, 13488, 13519, 13522
- Government Operations Committee, Senate: committee print, 13738  
hearings, 13736-737, 13739
- Government organization manual, 14385
- Government Printing Office: appropriations, 1971, legislative, report, 13440  
career opportunities for college graduates, general administration, printing administration, personnel administration, procurement-supply, electronic data processing, accounting, library science, 14557  
policemen, special, designate—  
law, 13333  
report, 13663  
Public Printer to grant time off as compensation for overtime worked by certain employees, authorize, report, 13664

# INDEX

- Government publications:
  - classified list, 15124
  - non-GPO imprints, received in Library of Congress, July 1967-Dec. 1969, list, 14755
  - price lists, Public Documents Division, PL series, 15125-127
  - see also* subjects.
- Government reorganization plans:
  - National Oceanic and Atmospheric Administration establish, message from the President, 13371
  - Post Office Department, law, 13342
- Government supplies:
  - career opportunities, Government Printing Office, college graduates, procurement supply, 14557
  - Federal manual for supply cataloging, operating procedures, change, 13775
  - Federal supply catalog, consolidated master cross reference list, 13502
  - International Development Agency, procurement regulations amendment, 14645
  - see also* Military supplies.
- Graduate schools, *see* Colleges and universities.
- Graduate work, *see* Colleges and universities.
- Graduates, opportunities for college graduates in general administration, printing management, personnel administration, etc., Government Printing Office, 14557
- Grafton County, N.H., Sugar River, watershed, work plans, 15253
- Graham County, N.C., community profile, 13969
- Grammar, *see* English language.
- Grand Coulee Dam, Forebay Dam, 3d power-plant project, shear and sliding resistance test of rock joints, 15145
- Grand Forks County, N. Dak., community profile, 13970
- Grant, W. L., thermal-vacuum testing of high temperature electrical components, 14817
- Grant County, N. Dak., community profile, 13971
- Grant County, S. Dak., community profile, 13972
- Grants-in-aid:
  - Allied health professions personnel training act, advanced traineeship programs, extension, reports, 13410, 13416
  - allied health professions, training of personnel, extend and improve program, report, 13651
  - construction of facilities for persons affected by mental retardation and other developmental disabilities, report, 13411
  - Federal allotments to States for forest fire cooperation, cooperative control program, 14428
  - Federal funds for R&D continue to remain level, 15034
  - Federal programs, Commercial Fisheries Bureau, 1970 activities, 13234
  - Federal support to universities and colleges, 1969 fiscal year, 15035
  - gap between Federal aid authorizations and appropriations, staff analysis, 12957
  - grants and contracts with Federal Government, establishing cost allocation plans and indirect cost proposals, guide for local government agencies, 14565
  - Health training improvement act of 1970, report, 13651
  - HEW administered formula grant programs, catalog, 14559
  - hospitals and health facilities, construction and modernization program, extend, law, 13303
  - sea-grant college authorization, law, 13324
  - solid waste disposal facilities construction, reports, 13403, 13668
  - student Federal and State aid programs print as Senate document, report, 13626
- Grants in-aid—Continued
  - urban beautification and improvement program, 14583
  - see also* subjects.
  - Granville County, N.C., community profile, 13973
  - Gratuities, social security and cash tips, 15172
  - Gray, Edythe A., inpatient utilization of short-stay hospitals by diagnosis, 14936
  - Gray partridges, *see* Partridges.
  - Great Basin, southern, upper Precambrian and lower Cambrian strata in, 14535
  - (Great Britain:
    - atomic energy, cooperation for mutual defense purposes, agreement, 15303
    - social science research, special papers available, 15293
  - Great Falls, Mont., Great Falls School District no. 1, Tobacco, Drug, and Alcohol unit, grade 6, 14947
  - Great Lake Basin Commission, annual report, 13359
  - Great Lake States, Lake States timber species, biological growth functions describe published site index curves, 14471
  - Great Lakes:
    - clean water for mid-America, 14400
    - pilot, survey, 14743-745
  - Great Northern Ry., accident, report, 14383
  - Great White Heron National Wildlife Refuge, birds, list, 15273
  - Greece, background notes, 15284
  - Green, Joseph, program analysis, problem in man-computer communication, 14892
  - Green power, consumer action for the poor, 13826
  - Green sunfish, *see* Sunfish.
  - Greene County, Ala., community profile, 13974
  - Greene County, Iowa, community profile, 13975
  - Greene County, N.C., community profile, 13976
  - Greene County, N.Y., community profile, 13977
  - Greene County, Ohio, community profile, 13978
  - Greenville, S.C., area wage survey, 14735
  - Greeting cards, census of manufactures, 1967, industry statistics, 13149
  - Gregory County, S. Dak., community profile, 13979
  - Groemping, Franz A., labor law and practice in Iceland, 14661
  - Grids, glass-coated accelerator grid on 15-centimeter-diameter Kaufman thruster, 14859
  - Griggs County, N. Dak., community profile, 13980
  - Grouse, blue, habitat management, 15208
  - Ground, *see* Earth.
  - Ground water, *see* Water.
  - Group insurance, *see* Life insurance.
  - Grouse, ruffed grouse, habitat management, 15216
  - Growth, biological growth functions describe published site index curves for Lake States timber species, 14471
  - Grundy County, Iowa, community profile, 13981
  - GSA, *see* General Services Administration.
  - Guam:
    - county business patterns, 13174
    - nonvoting delegate in House of Representatives, hearings, 13524
  - Guatemala, area handbook, 13053
  - Guernsey County, Ohio, community profile, 13982
  - Guide books, *see* Pocket guide.
  - Guide to understanding United States Department of Agriculture, 15106
  - Guidelines for growth of electric power industry, advisory reports, 14379
  - Gulford County, N.C., community profile, 13983

- Gulnn, Nancy, demographic differences in aptitude test performance, 13012  
 Gulf and Western Industries, Inc., conglomerate corporation investigation, hearings, 13532  
 Gulf Islands National Seashore: establish—  
   hearings, 13526  
   reports, 13460, 13485  
 Gulfport, Miss., District Court, southern district, terms to be held, report, 13641  
 Gun chemicals, *see* Chemicals.  
 Gunner's mates, G 3 & 2, rate training manual, 15058  
 Guns, *see* Cartridges.  
 Guthrie County, Iowa, community profile, 13984  
 Guy, Harold P., sediment problems in urban areas, 14526  
 Guyana, economic trends and their implications for United States, 14637  
 Gyrocompass, repeatability, accuracy, portability, and errors of portable alignment system, 14846  
 Gyroscopes, twin gyro attitude control system including passive compensation and nonlinear control law, performance, 14855

## II

- Haakon County, S. Dak., community profile, 13985  
 Haase, Gloria J., relief, 13297, 13617  
 Haber, Lawrence D., epidemiology of disability, measurement of functional capacity limitations, 15169  
 Habitat: management for—  
   blue grouse, 15208  
   California quail, 15209  
   Canada goose, 15210  
   chukars, 15211  
   gray partridges, 15212  
   hares, 15213  
   rabbits, 15214  
   ring-necked pheasants, 15215  
   ruffed grouse, 15216  
   turkey, 15217  
 Haida Indians, judgment funds, disposition, law, 13310  
 Haigh, Kenneth R., acoustic sea bed reflectivity from a submersible, 15046  
 Hale County, Ala., community profile, 13986  
 Halifax County, N.C., community profile, 13987  
 Hall, Gordon R., scaling of VTOL recirculation effects, 14827  
 Hall, Maria E. P., relief, 13294, 13618  
 Halper, Laura A., CDC 3800 computer program to calculate and plot compressibility, modulus of compressibility and perpendicular component of molecular dipole moment of films spread on liquid surfaces, 15070  
 Halstead, Bruce W., poisonous and venomous marine animals of world, 13815  
 Hamilton County, Iowa, community profile, 13988  
 Hamilton County, N.Y., community profile, 13989  
 Hamilton County, Ohio, community profile, 13990  
 Hamlin County, S. Dak., community profile, 13991  
 Hammill, Anne, natural resource special districts in Appalachia, review of enabling laws, 14271  
 Hammitt, G. M., II, evaluation of soil strength of unsurfaced forward-area airfields by use of ground vehicles, 14335  
 Hamrock, Bernard J., optimization of self-acting thrust bearings for load capacity and stiffness, 14886  
 Hancock County, Iowa, community profile, 13992  
 Hancock County, Ohio, community profile, 13993  
 Hand County, S. Dak., community profile, 13994  
 Handbooks, *see* names of departments, etc., issuing handbooks—*also* subjects.  
 Handicapped: children, better education, 1969 annual report, 14275  
 dependents of members of uniformed services, benefits, 14558  
 Wagner-O'Day Act, amend, hearings, 13752  
 workers legislation, 1970, hearings, 13752  
 Hanson County, S. Dak., community profile, 13995  
 Happ, W. W.: design evaluation of distributed saturation characteristics in integrated devices, 14858  
   model for distributed saturation characteristics in integrated devices, 14857  
 Harbors, *see* names of harbors.  
 Hardin, Clifford M., address, June 22, 1970, 12973  
 Hardin County, Iowa, community profile, 13996  
 Hardin County, Ohio, community profile, 13997  
 Hardin County, Tenn., appraisal of potentials for outdoor recreational development, 15184  
 Harding County, S. Dak., community profile, 13998  
 Hardwoods: mosaic-parquet hardwood slat flooring, voluntary product standard, 14930  
   southern hardwood forests, indentifying juvenile seedlings, 14450  
 Hardy, Edward P., Jr., Health and Safety Laboratory fallout program, quarterly summary report, 13071  
 Hares, *see* Rabbits.  
 Harmon, Hubert R., memorial lectures in military history (series), 13009  
 Harness, Vernon L., cotton in Central America, 14424  
 Harnett County, N.C., community profile, 13999  
 Harper County, Okla., Paint Creek watershed work plan, 15250  
 Harre, Edwin A., fertilizer trends, 15350  
 Harris, J. Donald, hearing loss in decompression, 14765  
 Harris, Wilber, relief, 13270, 13588  
 Harrison County, Iowa, community profile, 14000  
 Harrison County, Ohio, community profile, 14001  
 Harry S. Truman Library, for all the people (film), 14905  
 Hasbrook, A. Howard, pilot heart rate during in-flight simulated instrument approaches in general aviation aircraft, 13089  
 Hatch political activities act, *see* Politics.  
 Hatfield, Dale N., basis and application of simulation model for oceanographic data transmission system using HF radio, 14350  
 Haverland, M. L., shear and sliding resistance tests of rock joints for Forebay Dam, Grand Coulee 3d powerplant project, 15145  
 Hawks, conservation, Arizona, 15198  
 Hays, W. W., contribution to analysis of seismic data from cratering and contained events, 13078  
 Hazardous substances: child resistant packaging, provide, hearing, 13527  
   controlled dangerous substances, legislation to regulate, hearings, 13550  
   Federal hazardous substances act, amend, hearing, 13527  
   transportation by railroad of hazardous materials, prescribe rules, regulations, etc., report, 13420

## INDEX

- Head on collision, 14955
- Health:
- Allied health professions personnel training act amendments of 1970, reports, 13410, 13416
  - allied health professions, training of personnel, extend and improve program, report, 13651
  - Armed Forces, health benefit program, review, hearings, 13495
  - automated multiphasic health testing, bibliography, 14366
  - CHScene, notes from Community Health Service, 13248
  - facilities—
    - construction and modernization, grants program, extend, law, 13303
    - Hill-Burton program, 1947-69 progress report, 14568
    - family planning for better health and happiness, 14588
    - health facilities series, 14567
    - health information series, 15128-130
    - health interview survey, estimation and sampling variance, 14934
    - Health training improvement act of 1970, report, 13651
    - information for international travel, 14950
    - man's health and the environment, some research needs, 15010
  - public—
    - protect by amending narcotics and drug laws, hearings, 13550
    - public health bibliography series, 15131
  - Public Health Service act, amend, report, 13651
  - radiological health programs, directory of personnel responsible, 15139
  - rurality, poverty, and health, medical problems in rural areas, 14265
  - services—
    - handicapped dependents of members of uniformed services, 14558
    - in District of Columbia, administration, improvements, report, 13571
    - smoking and health, bibliography, 15131
    - smoking, health, and you, facts for teenagers, 13183
    - sociological problems, grades 4-6, New York State Education Department, Albany, N.Y., 14946
  - statistics—
    - data evaluation and methods research, 14934
    - data from National health survey, 14935-936
    - see also Medical care.
- Health Advisers Council, see Council of Health Advisers.
- Health and Safety Laboratory:
- AEC fallout program, quarterly summary report, 13071
  - appendix, 13072
- Health centers, automated multiphasic health testing, bibliography, 14366
- Health, Education, and Welfare Department:
- appropriations, 1971—
    - hearings, 13708
    - law, 13335
    - reports, 13426, 13645
    - waiving points of order, report, 13429
  - higher education institutions, obligations, 1969 fiscal year, 14561
  - State administered formula grant programs, catalog, 14559
  - telephone directory, 14560
- Health insurance, national health insurance, comparison of 5 proposals, 15170
- Hearing:
- auditory sensitivity of goldfish within near acoustic field, 14766
  - loss in decompression, 14765
- Hearn, Chase P., predetection polarization diversity combiner, 14891
- Heart, pilot rate during in-flight simulated instrument approaches in general aviation aircraft, 13089
- Heat:
- thermal analysis of high polymers, literature survey, 13814
  - thermal-vacuum testing of high-temperature electrical components, 14817
- Heat transfer:
- and pressure over plate at Mach 8.0, two-dimensional sinusoidal waves effects, 14876
  - heat transfer to gas-solid suspension from externally heated tube, calculation procedure, 14775
  - measurements at Mach 8 on flat plate with deflected trailing-edge flap with effects of transition included, 14861
- Heating, except electric, special trade contractors, census of construction industry, 1967, statistics, 13124
- Heckman, Albert A., nomination, hearing, 13719
- Hedlund, Arnold, forest statistics for Delta and Ouachita regions of Arkansas, 14485
- Helm, Robert A., proceedings of 3d symposium, 1969 spring superconducting symposia, 15066
- Heinisch, Roger P., experimental and analytical study of visual detection in spacecraft environment, 14812
- Helium, hypersonic flow over 15° semiapex cone in helium, angle of attack and blunt-nose effects on direction, intensity, etc., 14862
- Hell Hole Recreation Area, general information, 14448
- Hem, John D., study and interpretation of chemical characteristics of natural water, 14549
- Henderson, John W., area handbook for Indonesia, 13052
- Henle, John, rehabilitation of auto accident victims, 15360
- Henry County, Ala., community profile, 14002
- Henry County, Iowa, community profile, 14003
- Henry County, Ohio, community profile, 14004
- Hepting, George H., southern cone rust, 14440
- Herkimer County, N.Y., community profile, 14005
- Herman, Arthur, outlook for computer process control, manpower implications in process industries, 14730
- Hermann, Frederick J., manual of carices of Rocky Mountains and Colorado basin, 12977
- Heron, in Washington, general information, 15218
- Hertford County, N.C., community profile, 14006
- Herr, Norman, gneissic and igneous rocks of quadrilatero ferrifero, Minas Gerais, Brasil, 14537
- Healin, Thomas M., phenomenological and statistical analysis of fracture in polycrystalline aluminum oxide, 14851
- Hester, Frank J., studies on continuous transmission frequency modulated sonar, 13245
- Hettinger County, N. Dak., community profile, 14007
- HEW, see Health, Education, and Welfare Department.
- Hickman, Kenneth E., analytical and experimental investigation of high entrainment jet pumps, 14820
- High contrast cathode ray tube engineering report, 14819
- High school students, see Students.

## High schools:

Hanson teacher program, Milwaukee, Wis., 14287

public secondary schools, in selected district, enrollment and staff by racial/ethnic group, directory, 14562

High temperature materials, *see* Refractory materials.Higher education, *see* Colleges and universities.

Highland, Henry A., bibliography of insect-resistant packaging, 12960

Highland County, Ohio, community profile, 14008

Highway safety, *see* Safety of life.Highways, *see* Roads and highways.

Hill, George R., Project Western Coal, conversion of coal into liquids, 13207

Hill-Burton program:

health facilities series, 14567

progress report, 1947-69, 14568

Hills, Tae P., relief, 13292, 13615

Historic American Buildings Survey, selections, 14420, 15028-29

Historic sites:

Georgetown architecture, 15029

northwest area, 14420

Georgetown commercial architecture, 15028

historic preservation program, 14574

*see also* names of historic sites.

Historic structures report (series), 15030

History, living history in national park system, 15033

*see also* subjects.History and Geography, Pan American Institute of, *see* Pan American Institute of Geography and History.

Hobbs, Harold W., hydrologic data for experimental agricultural watersheds in U.S., 12996

Hoberg, Vernon L., relief, 13380

Hocking County, Ohio, community profile, 14009

Hod carriers, employment outlook, 14698

Hoernschmeyer, D. L., research and development of new and improved cellulose ester membranes, 14595

Hoffman, Charles A., effects of thermal loading on composites with constituents of differing thermal expansion, 14869

Hoke County, N.C., community profile, 14010

Hold, William T., motor vehicle assigned risk plans, report, 15359

Holders, electrical contact brush, Federal item identification guide, 13787

Holding companies, *see* Banks and banking.

Holko, Kenneth H., magnetic force upset welding of dissimilar thickness stainless-steel T-joints, 14866

Holland, whole dried eggs, determination of injury to U.S. industry from imports, 15349

Holmes County, Ohio, community profile, 14011

Home economics, home and garden bulletins, 12980-983

Homemaking, *see* Home economics.Homes, *see* Housing.

Homestead National Monument of America, addition of Freeman School, report, 13459

Honduras, meat imported into U.S., agreement, 15314

Hong Kong, economic trends and their implications for United States, 14622

Hood County, Oreg., relief, law, 13341

Hoosier National Forest, general information, 14450

Hopkins Airport, Cleveland, Ohio, access study, survey results, 15362

Horse bots, *see* Flies.

Horse-radish, commercial growing, 12987

Horses, car/horse fatality, multidisciplinary accident investigation, 15004

Hose, pipe and tube fittings, quick disconnect and self-sealing, Federal item identification guide, 13788

Hospital administrators, employment outlook, 14671

Hospitalization, *see* Hospitals.

Hospitalization insurance, actuarial cost estimates for hospital insurance program, 15167

Hospitals:

automated multiphasic health testing, bibliography, 14366

Hill-Burton program, 1947-69 progress report, 14568

hospital and health facilities construction and modernization, grants programs, extended, law, 13903

hospital designs, quantitative methods for evaluating, 14933

nursing personnel in hospitals, 14570

short stay, inpatient utilization by diagnosis, 1965 statistics, 14936

special departments and programs in field of family practice, grants to establish, report, 13679

under Fair labor standards act, 15385

utilization and average daily costs for persons 65 and over by data under hospital insurance program and American Hospital Association, 15165

*see also* Veterans hospitals.

Hotel housekeepers, and assistants, employment outlook, 14726

Hotel managers, *see* Managers.

Hotels, occupations, employment outlook, 14726

Hours of labor:

Government Printing Office, Public Printer to grant time off as compensation for certain employees, authorize, report, 13664

union—

local-transit operating employees, 1969 and 1929-69 trend, 14738

local truck drivers and helpers, errata, 14739

printing industry, 14740

House Administration Committee, House, reports, 13405, 13423, 13446-449

House documents, 13352-375

House of Representatives:

appropriations, 1971, legislative, report, 13440

documents, 13352-375

Members, apportionment, report, 13427

nonvoting delegates for—

District of Columbia, reports, 13453-454, 13699

Guam and Virgin Islands, hearings, 13524

reports—

private bills, 13376-392

public bills, 13393-489

House reports:

private bills, 13376-392

public bills, 13393-489

Household goods, furnishing plans for Badlands ranch house, Theodore Roosevelt National Memorial Park, 15027

Household workers, *see* Servants.

Households:

dietary levels of South, 12984

food consumption survey, 1965-66 reports, 12984

income and selected social and economic characteristics, 13176

Housekeepers, *see* Hotel housekeepers.

Houses:

house construction, how to reduce costs, 12982

recent purchases, and expectations to buy during months ahead, survey data, 13177

wood-frame house construction, 12974

*see also* Housing.

# INDEX

- Housing:  
and building research and technology,  
federally financed, catalog, 14572  
census, 1970, printed reports, data access  
description, 13178  
Emergency community facilities act of  
1970, report, 13457  
Emergency home finance act of 1970—  
law, 13326  
report, 13407  
federally financed housing projects, con-  
struction costs increased due to  
inappropriate minimum wage rate deter-  
minations, Labor Dept., GAO report,  
14496  
Housing and urban development act of  
1965, amend, report, 13457  
housing and urban development legislation  
of 1970, hearings, 13500, 13716  
housing for migrant agricultural workers,  
regulations and standards, 12978  
housing planning information series,  
15374-376  
HUD's college housing program, guide,  
14575  
legislation for 1970, proposals, hearings,  
13500, 13716  
low income and minority, legal questions  
associated with its development, main-  
tenance, etc., 15374  
low-rent—  
financial management handbook, 14578  
opportunity for accelerating construc-  
tion and reducing cost, GAO report,  
14509  
public housing projects, need to  
strengthen concrete inspections and  
testing requirements during construc-  
tion, GAO report, 14508  
Page, Arla, development plan, prepared  
for people of community, 15141  
planning notes, 15375-376  
military, family housing program approp-  
riations, 1971, waiving points of order,  
report, 13404  
rehabilitation or renovation, eliminate  
causes of lead-based paint poisoning,  
provide Federal assistance to State and  
local governments, hearings, 13502  
rent supplement assistance, FHA regula-  
tions, 14370  
research and building technology activi-  
ties of Federal Government, report,  
15156  
rural, Farmers Home Administration  
loans, 12999  
*see also* Discrimination in housing.  
Housing and Urban Development Depart-  
ment:  
appropriations, 1971, report, 13434  
college housing program, guide, 14575  
HUD handbooks, 14576-578  
low-rent housing opportunity to accelerate  
construction and reduce cost, GAO  
report, 14509  
need to strengthen concrete inspections  
and testing requirements in construction  
of low-rent public housing projects,  
GAO report, 14508  
Houston County, Ala., community profile,  
14012  
How to buy dry beans, peas, and lentils,  
12983  
How to investigate accidents, 14658  
Howard County, Iowa, community profile,  
14013  
Howell, H. B., angular scattering functions  
for spherical water droplets, 15062  
Hu, C. T., education of national minorities  
in Communist China, 14279  
Hualapai Indians, disposition of judgment  
funds, report, 13437  
HUD, *see* Housing and Urban Development  
Department.  
Hudson, J. Harold, flora and fauna in basin  
of central Florida Bay, 13242  
Hudson Bay, quality of surface waters,  
14553  
Hueser, J. E., development of gas sampling  
system, 14821  
Hughes, Steven E., annotated references on  
Pacific saury, *Cololabis saira*, 13244  
Hughes County, S. Dak., community profile,  
14014  
Human engineering:  
design criteria for military systems, equip-  
ment and facilities, military standard,  
13510  
human performance prediction in man-  
machine systems, technical review,  
14823  
Humboldt County, Iowa, community profile,  
14015  
Hungary:  
mineral industry, minerals yearbook  
chapter, 14784  
Hunger, human needs, national nutrition  
survey, hearings, 13756  
Hunting, migratory birds, 1970-71, Federal  
regulations governing, 15276  
Hunyadi, Matyas, relief, 13385  
Hurd, Gordon E., preprimary enrollment,  
14293  
Huron County, Ohio, community profile,  
14016  
Hurricanes, emergency food aid for Cella  
victims, 13001  
Huss, Ralph E.:  
dispatches from U.S. Ministers to German  
States and Germany, 1799-1801, 1835-  
1906, pamphlet accompanying micro-  
copy, 14909  
records of Department of State relating  
to political relations between Bolivia  
and other States, pamphlet accompany-  
ing microcopy, 14912  
Hutchinson County, S. Dak., community  
profile, 14017  
Huvas, Joseph B.:  
mineral industry of—  
Hungary, 14784  
Rumania, 14789  
Hyde County, N.C., community profile,  
14018  
Hyde County, S. Dak., community profile,  
14019  
Hydration, ionic solvation study, 14601  
Hydraulic brakes, *see* Brakes.  
Hydraulics:  
bridge waterways, 15135  
design series, 15135  
Hydroelectric power plants, *see* Electric  
power plants.  
Hydrogen, effect of blade leading edge thick-  
ness on cavitation performance of 80.6°  
helical inducer in, 14853  
Hydrology:  
and some effects of urbanization on Long  
Island, N.Y., (series), 14536  
contributions to hydrology, United States  
(series), 14550  
Geological Survey research, 14538  
ground water hydrologic data in Michigan,  
summary, 14540  
hydrologic analysis and interpretation,  
14542  
hydrologic data for experimental agricul-  
tural watersheds in U.S., 12996  
national hydrologic data system for Chile,  
design and development, 14531  
*see also* Water.  
Hypersonic flow, *see* Flow.  
Hypertension, *see* Blood pressure.  
Hypochlorination unit, aerofed hypochlori-  
nator, series WF, evaluation, 14434

## I

- Ice:  
International Ice Patrol Service in North  
Atlantic Ocean, report, 13213  
isothermal compressibility of frozen soil  
and ice to 30 kilobars at -10°, 14305

# OCTOBER 1970

## Ice—Continued

pressure on engineering structures, 14306  
*see also* Sea ice.  
 Ice Harbor Dam, fish passage report, 14302  
 Iceland:  
   air transport services, *modus vivendi*, 15326  
   labor law and practice, 14661  
   lights and fog signals, 15054  
 ICEM, *see* Intergovernmental Committee for European Migration.  
 Ida County, Iowa, community profile, 14020  
 Ideas, war of ideas, 1870-90, United States Navy, 13009  
 Identification, automated fingerprint, 14926  
 Iasco Data Processing Corp., conglomerate corporation investigation, hearings, 13532  
 Igneous rocks, Quadrilátero Ferrífero, Minas Gerais, Brazil, 14537  
 Iklé, Fred C., international negotiation, American shortcomings in negotiation with Communist powers, 13738  
 Illinois:  
   apples, marketing order authority, extend law, 13316  
   county business patterns, 13161  
 Illumination, *see* Lights and Lighting.  
 ILO, *see* International Labor Organization.  
 Images, image points on aerial photographs, electronic computer program to help in stereocomparator coordinate reduction, 15137  
 Immigration and emigration:  
   laws, administrative decisions, index, 14585-587  
   selective migration program for Latin America operated by Intergovernmental Committee for European Migration, hearing, 13516  
 Immunity (legal), *see* Witnesses.  
 Immunization, United States immunization survey, 14951  
 Impact wrenches, *see* Wrenches.  
 Imperial Beach, Calif., South Bay Union School District, drug abuse education unit, grades K-12, 14943  
 Imports, *see* names or classes of articles imported.  
 Imprints (in books):  
   non-GPO imprints, Government publications, received in Library of Congress, July 1967-Dec. 1969, selective checklist, 14755  
 Incinerators, sewage sludge fluidized bed incinerator capacities and costs, mathematical model, 14408  
 Income:  
   consumer income, series, 13177  
   District of Columbia income and franchise act of 1947, amend. report, 13685  
   household, selected social and economic characteristics of households, 13176  
   President's Commission on Income Maintenance Programs, technical studies, 15122  
   recreation, income crop for Wyoming farmers and ranchers, how and where to get help, 15226  
   sector income and employment multipliers, their interactions on national economy, 13008  
   *see also* subject from which income is derived.  
 Income Maintenance Programs, President's Commission, *see* President's Commission on Income Maintenance Programs.  
 Income tax:  
   double taxation, convention with Belgium, text, etc., 13573  
   laws reform—  
     oral and written testimony, hearings, 13729  
     table of contents for committee amendment to H.R. 13270, 13730

## Income tax—Continued

State tax withholding for interstate transportation employees, exempt report, 13474  
 teaching Federal income taxes, general information, 14616  
 withholding for tax purposes under laws of States or subdivisions, exempt certain wages and salaries, hearings, 13722  
 Independent offices, *see* Government offices.  
 Index digests:  
   Federal Communications Commission, decisions and reports, v. 1-15, 2d series, insert, 14364  
   index-digest supplement system, internal revenue bulletin, cumulative supplement, 14607-608  
 Indexes:  
   Atomic Energy Commission news releases, 13064  
   Civil Defense Office, publications, 13191  
   fire control notes, 14436  
   highway safety literature, 14960  
   Immigration and Naturalization Service, administrative decisions, 14585-587  
   Instrument fact sheets, National Oceanographic Instrumentation Center, 15047  
   medical and veterinary zoology, 12963  
   passenger lists of vessels arriving at Baltimore, 1833-66, city lists, pamphlet to accompany microcopy, 14911  
   research in education (periodical), semi-annual index, 14295  
   scientific and technical aerospace reports, 14899  
   soil conditioning rating indices for major irrigated and non-irrigated crops grown in western U.S., 15232  
   trademarks, 15102  
 India, agricultural commodities, agreement, 15302  
 Indian Claims Commission:  
   appropriations, 1971—  
     law, 13335  
     report, 13645  
 Indian Ocean:  
   lights and fogs signals, list, 15053  
   tide tables, 15210  
 Indians:  
   American, 1960 population map, 13181  
   Indian policy, recommendations, message from the President, 13370  
   publications, price list, 15127  
 Indonesia:  
   accessions list, Library of Congress American Libraries Book Procurement Center, Djakarta cumulative list of serials, supplement, 14752  
   agricultural commodities, agreement, 15333  
   area handbook, 13052  
 Inducers, helical in hydrogen, effect of blade leading edge thickness on cavitation performance, 14853  
 Inductors, selection and use of, military standard, 13808  
 Industrial chemistry, industry, employment outlook, 14719  
 Industrial designers, employment outlook, 14676  
 Industrial machinery, *see* Machinery.  
 Industrial management:  
   civil defense, preparation for wartime and peacetime disaster in industry, 13189  
   improving management of Defense Dept. vehicle maintenance in Europe as means of reducing cost, GAO report, 14514  
   solid waste management abstracts and excerpts, 15258  
 Industrial parks, FDA industrial park program, analysis of its impact, 13522  
 Industrial plants, *see* Plants (industrial).  
 Industrial Pollution Control Branch, Federal Water Pollution Control Administration projects, 14410

# INDEX

- Industrial safety, *see* Safety of life.
- Industrial wastes, *see* Waste products.
- Industries, *see* Industry—also names of industries.
- Industry:
  - disaster, preparation for wartime and peacetime through industrial civil defense management, 13189
  - economy at midyear, 1970, with industry projections for 1971, 13092
  - injury rates, 14663
  - process industries, manpower implications as result of computer process control, outlook, 14730
  - rural industrialization, tissue paper mill in Pickens, Miss., case study, 14266
  - scientific and technical personnel, 14741
  - trade and industry publication, 13034-35
  - unemployment insurance tax rates by industry, 15369
  - useful market surveys and industry reports issued by United Nations Economic Commission for Africa, supplement, 13227
  - wage survey, 14737
- see also* names of industries.
- Infants, breast feeding your baby, 13182
- Infectious pancreatic necrosis (IPN) virus, *see* Pancreas.
- Infiltration, *see* Water.
- Infirmaries, *see* Hospitals.
- Information services:
  - Federal information processing standards publications—
    - Federal general data standard representations and codes—
      - counties and county equivalents of States of United States, 14918
      - States and outlying areas of United States, 14917
    - FIPS pubs, 14917-919
  - information storage and retrieval systems; fast, flexible, highly parallel associative processor, 15063
  - interactive specification of data displays, 14828
  - Labor Statistics Bureau system, systems manual, 14660
- Infrared rays, infrared radiometric microscope used in nondestructive determination of flexible package seal defects, 13041
- Ingestion, scaling of VTOL recirculation effects, 14827
- Inheritance and transfer tax:
  - career opportunities, estate tax attorney, 14606
  - internal revenue bulletin, cumulative, index-digest supplement system, 14607
- Injuries:
  - automobile personal injury claims, 15355
  - appendix, 15356
  - experience in nonmetallic mineral industries, 14778
  - rates, by industry, 14663
- Insect repellents, new candidate materials as toxicants, repellents and attractants against stored-product insects, preliminary evaluation, 12989
- Insecticides:
  - chemicals and pathogens tested against caterpillars, on cabbage, 13002
  - organochlorine and organophosphorous insecticides, acute toxicities to estuarine fishes, 15277
  - see also* Pesticides—also names of insecticides.
- Insects:
  - forest, conditions in United States, 14438
  - resistant packaging, 1913-69, bibliography, 12960
- Insolvency, *see* Bankruptcy.
- Inspection (industrial), *see* names of articles, etc., inspected.
- Installations (military):
  - construction appropriations, 1971, waiting points of order, report, 13404
  - military construction, survey of use of advertised contracting in, GAO report, 14516
  - naval shore facilities, safety precautions, change, 15100
- Institute for Telecommunication Sciences, ESSA technical report, ERL-ITS series, 14348-350
- Instructional materials, *see* Teaching.
- Instrument flying, pilot heart rate during in-flight simulated instrument approaches in general aviation aircraft, 13089
- Instrument makers, mechanical employment outlook, 14710
- Instruments:
  - instrument fact sheets—
    - IFS series, 15047-50
    - National Oceanographic Instrumentation Center, index, 15047
  - see also* names and types of instruments.
- Insulation, insulating workers, employment outlook, 14695
- Insurance:
  - business, employment outlook, 14725
  - Coast Guard not requiring shipbuilders to buy insurance and performance and payment bonds as means of reducing cost of vessel construction, GAO report, 14510
  - Federal broker-dealer insurance corporation act, hearings, 13529
  - Federal share insurance for Federal and State credit unions member accounts report, 13703
  - publications, price list, 15125
  - see also* types of insurance.
- Insurance agents, *see* Salesmen and salesmanship.
- Integral equations, *see* Equations.
- Integrals, exponential integral, high-precision Chebyshev series approximation, 14885
- Integration, *see* Race problems.
- Integration (mathematics):
  - integration of relativistic equations of motion of artificial earth satellite, 14894
- Interactions of intermediate energy protons with light nuclei, 14888
- Interagency Committee on Manpower Research, manpower research, inventories, 14289
- Inter-Agency Committee, Youth Conservation Corps, *see* Youth Conservation Corps
- Interagency Committee.
- Inter-American Development Bank:
  - act, amend, hearing, 13733
  - participation, U.S. increase, hearing, 13733
  - U.S. participation in proposed replenishment of resources, special report, 13360
- Inter-American Social Development Institute, appropriations, 1971, amendment, proposal, 13569
- Intergovernmental Committee for European Migration, selective migration program for Latin America, hearing, 13516
- Intergovernmental relations:
  - call for cooperation, message from the President, 15118
- Federal-State partnership for education, Advisory Council on State Departments of Education, report, 14284
- Intergovernmental coordination of power development and environmental protection act, hearings, 13737
- model cities, step towards new Federalism, 15121
- towards workable federalism (address), 14566

Interior and Insular Affairs Committee, House:  
 hearings, 13523-526  
 reports, 13409, 13413-415, 13431, 13435, 13437-438, 13458-463, 13465, 13481-484  
 Interior and Insular Affairs Committee, Senate:  
 hearings, 13740-743  
 investigations and studies, expenses, report, 13628  
 reports, 13576, 13638, 13646, 13648-650, 13658-660, 13702  
 Interior decorators, and designers, employment outlook, 14678  
 Interior Department:  
 appropriations, 1971—  
 amendments, proposal, 13564  
 law, 13335  
 reports, 13645, 13697  
 appropriations, 1971, public works—  
 hearings, 13709  
 underground electric power transmission research, hearings, 13709  
 career opportunities, directory for college students, 14592  
 Celilo-Mead Transmission Line project assurance needed that cost will be recovered, GAO report, 14493  
 contracts for protection of public lands from fires, authorize, report, 13648  
 saline water research and development progress, report, 14593-601  
 Trust Territory of Pacific Islands, improvements needed in financial management, GAO report, 14503  
 Youth Conservation Corps, establish, law, 13345  
 Interior Department Library, bibliography series, 14602-3  
 Internal revenue:  
 code of 1954, amend, reports, 13398, 13662  
 Federal receipts for 1970 and 1971, estimates, 13553  
 internal revenue bulletin—  
 cumulative, index-digest supplement system, 14607-608  
 semiannual, cumulative, 14610  
 see also names of certain taxes, e.g. Employment taxes.  
 Internal Revenue Service:  
 career opportunities—  
 estate tax attorney, 14606  
 internal auditor, 14609  
 revenue agent, 14615  
 liquor laws and regulations for retail dealers, 14611  
 looseleaf regulations system—  
 employment tax, 14613  
 excise taxes, 14614  
 Internal Revenue Taxation Joint Committee:  
 committee print, 13554  
 estimates of Federal receipts, 13553  
 International Biological Program, report, 13676  
 International boundary study, 15295-297  
 International Development Agency:  
 biographic register, 15292  
 operations report, 14646  
 procurement regulations, 14645  
 progress and problems in U.S. aid to economic unification of Central America, GAO report, 14511  
 International exchanges, teachers, opportunities abroad, 14291  
 International Ice Patrol Service, in North Atlantic Ocean, report, 13213  
 International Labor Organization:  
 conference in Geneva—  
 appoint representatives, 13397  
 U.S. delegates to 53d session, evaluations of work of conference hearing, 13504  
 testimony, hearings, 13493

International law:  
 rule of law and settlement of international disputes (address), 15294  
 suboceanic lands policy, United Nations special study, hearings, 13725  
 International organizations, international organization and conference series, 15298  
 International relations:  
 foreign relations legislation, requiring reports to Congress, study of provisions of law, 13734  
 general foreign policy series, 15294  
 Japan and Okinawa, U.S. security agreements and commitments abroad, hearings, 13735  
 Okinawa, preparatory measures for transfer of administrative rights, agreement with Japan, 15301  
 rule of law and settlement of international disputes (address), 15294  
 students views toward U.S. policy in southeast Asia, hearings, 13517  
 U.S. policy towards Cuba, hearings, 13510  
 Western Europe, Great Britain, and Canada, special papers available, Foreign Affairs Research Documentation Center, 15293  
 see also Diplomacy.  
 International Telephone & Telegraph Corporation, conglomerate corporations investigation, hearings, 13532  
 Interpolation, phase interpolation circuits for scanning phased arrays, 14854  
 Interpretative bulletins, Wage and Hour and Public Contracts Divisions, 13586  
 Interrogators, interrogation repetition frequency sets nonsynchronous for n interrogations, methods for calculating and analyzing, 15081  
 Interstate agreements:  
 Mid-Atlantic States air pollution control compact, consent of Congress, report, 13643  
 Potomac Valley Conservancy District compact, amendments, consent of Congress, report, 13467  
 regional intercity rail passenger service authority compact, consent of Congress, hearings, 13724  
 western interstate nuclear compact, granting consent of Congress, report, 13640  
 Interstate and Foreign Commerce Committee, House:  
 hearings, 13527  
 reports, 13410-411, 13436, 13451, 13480, 13489  
 Interstate commerce act, see Carriers—Commerce—Railroads.  
 Interstate Commerce Commission, decisions (bound reports), 14647  
 Interstate Commission on Potomac River Basin:  
 appropriations, 1971, report, 13697  
 extend authority and expand program, consent of Congress, report, 13467  
 Intoxication, see Alcoholism.  
 Inventories:  
 automatic data processing equipment in Federal government, 14399  
 fish data, Norris Reservoir, 13551  
 Louisiana's conservation needs, 15219  
 National Archives inventory series, 14908  
 Inverters, switching, with sine-wave output, 15088  
 Investigators, Federal, unmet training needs, report, 13486  
 Investment companies:  
 act, amendments of 1970, report, 13451, 13475  
 mutual funds, taxation, amend act, report, 13685  
 Investments:  
 advisers act of 1940, amend, reports, 13451, 13475  
 District of Columbia, legal investments for trust funds, list, 13818

# INDEX

- Investments—Continued
    - guaranties, agreement with, Mauritius, 15309
    - public, in natural resources, secondary impacts, 12997
  - Investors:
    - filing of institutional investor study, extend time, hearing, 13528
    - institutional, effect on securities market, study, extend reporting date, report, 13480
    - securities, protection for customers of registered brokers, dealers, and members of national securities exchanges, hearings, 13529
  - Inviscid flow, *see* Flow.
  - Iodine, filter tests at NRL nuclear reactor, 15078
  - Ion exchange, materials, poisoning by surface active ions, 14599
  - Ion thrusters, 15-centimeter-diameter Kaufman thruster 1000-hour endurance test of glass-coated accelerator grid, 14859
  - Ionization, dose and dose-equivalent rates to man in atmosphere from galactic cosmic rays, calculation, 13073
  - Ionosphere:
    - ionospheric conditions for space vehicles, simulation, 14860
    - research by satellites, agreement with Canada, 15317
  - Ions:
    - cupric ion absorption through denuded epithellum, 14761
    - ferrous ions reduction in phosphoric acid, titrimetric determination of uranium in product, fuel, and scrape materials, 13075
    - from within stress-corrosion cracks, spectrophotometric procedures for determination, change, 15061
    - ion-polar-molecule collisions, computer-made motion pictures and time history plots, 14849
    - ionic solvation study, 14601
    - poisoning of ion exchange materials by surface active ions, 14599
  - Iowa:
    - census of business, retail trade, merchandise line sales, 13104
    - postal map, 15114
  - Iowa County, Iowa, community profile, 14021
  - Iran, military mission, agreement, 15319
  - Iraq, Iraq-Syria boundary study, 15297
  - Iredell County, N.C., community profile, 14022
  - Ireland, economic trends and their implications for United States, 14630
  - Iron:
    - and steel industry, employment outlook, 14720
    - evaluating economic availability of Mesabi Range taconite iron ores with computerized models, 14777
  - Iron ores, *see* Iron.
  - Ironworkers, structural and other iron workers, employment outlook, 14700
  - Irrigation:
    - Conservation irrigation guide for design of sprinkler irrigation system for south Georgia, coastal plain, 15197
    - sprinkler irrigation, bibliography selected from foreign literature, 14603
    - see also* Canals—Reclamation of land.
  - Irrigation projects, *see* names of projects.
  - IRS, *see* Internal Revenue Service.
  - Irvine, Dallas, military operations of Civil War, guide-index to official records of Union and Confederate Armies, main eastern theater of operations, comprehensive index of recognized military operations, 14907
  - Irwin, Richard, projections of population of United States, by age and sex, 1970-2020, interim revisions, 13175
  - Isolation, vibration isolation of commercial jet transport pilots during turbulent air penetration, 14511
  - Isotopes, development program, AEC authorizing legislation, 1971, hearings, 13348
  - Israel, education in Israel, print additional copies, report, 13449
  - Italy, launching facilities for satellites, agreement, 15330
  - Iterative technique for reducing sidelobes of circular and cylindrical arrays, 15085
  - It's had to come back, 14287
  - ITS, *see* Institute for Telecommunication Sciences.
  - Ivory Coast:
    - background notes, 15289
    - economic trends and their implications for United States, 14620
- J**
- Jackson County, Iowa, community profile, 14023
  - Jackson County, N.C., community profile, 14024
  - Jackson County, Ohio community profile, 14025
  - Jackson County, S. Dak. community profile, 14026
  - Jamaica:
    - background notes, 15283
    - economic trends and their implications for United States, 14634
  - Jameson, Albert E., jr., relief, 13264, 13597
  - Jameson, Antony, wing slipstream flow interaction, 14829
  - Janitors, janitorial services, trash removal, and similar services in federally owned and leased properties, 3 year contracts, authorize, report, 13444
  - Japan:
    - labor law and practice, 14662
    - Okinawa, preparatory measures for transfer of administrative rights, agreement, 15301
    - pocket guide, 14590
    - Ryukyu Islands Advisory Committee to High Commissioner, abolish, agreement with Japan, 15308
    - U.S. security agreements and commitments abroad, hearings, 31735
  - Japan Airlines Company, Ltd., accident report, 15037
  - Japanese beetles, *see* Beetles.
  - Jasper County, Iowa, community profile 14027
  - Jefferson County, Ala., community profile, 14028
  - Jefferson County, Iowa, community profile, 14029
  - Jefferson County, Ky.:
    - flood plain information—
      - Beargrass and Upper Mill Creeks, 14309
      - Floyds Fork, 14312
      - Pond Creek, 14317
    - floods, how to avoid damage—
      - Beargrass Creek, 14324
      - Floyds Fork, 14326
      - Pond Creek, 14329
      - Upper Mill Creek, 14325
  - Jefferson County, N.X., community profile, 14030
  - Jefferson County, Ohio, community profile, 14031
  - Jefferson County, Tenn., appraisal of potentials for outdoor recreational development, 15185
  - Jenkins, C. T., computation of rate and volume of stream depletion by wells, 14542
  - Jerauld County, S. Dak., community profile, 14032
  - Jet aircraft, *see* Aircraft.
  - Jet airplanes, *see* Airplanes.
  - Jet engines, *see* Engines (aircraft).
  - Jet plumes, jet-engine exhaust and trailing vortex wakes, introduction, 13024

Jet pumps, *see* Pumps.  
 Jet streams, *see* Winds.  
 Jets, wing slipstream flow interaction, analysis, 14829  
 Jhawar, M. M., vacuum-freezing vapor-compression process evaluation on brackish water, 14593  
 Jimsphere balloons, *see* Balloons.  
 Job analysis:  
   job grading standard—  
     leader, 13198  
     supervisors, 13199  
   supervisory, grade-evaluation guide and qualification standard, 13206  
 Job evaluation, *see* Job analysis.  
 Job setters (machine shop):  
   employment outlook, 14710  
 Jobs, *see* Civil service—Employment—Occupations—Training—Women.  
 Jöhler, J. Ralph, theoretical LF, VLF field calculations with spherical wave functions of integer order, 14348  
 John Day Dam, fish passage report, 14302  
 John was OK, until his momma caught him (poster), 15016  
 Johnny Horizon, character, unauthorized manufacture and use, prevent, report, 13442  
 Johnson, Charles B., heat-transfer measurements at Mach 8 on flat plate with deflected trailing-edge flap with effects of transition included, 14561  
 Johnson, Charles E., feasibility of Georgia education model for teacher preparation, elementary, technical report, 14282  
 Johnson, Constance R., Korea, 13028  
 Johnson, Maizie, records of Marine Corps, 14908  
 Johnson County, Iowa, community profile, 14033  
 Johnston County, N.C., community profile, 14034  
 Johnston County, Okla., Lower Clear Boggy Creek watershed, revised work plan for watershed protection and flood prevention, 15229  
 Joint economic report, 13393  
 Joints:  
   dissimilar thickness stainless-steel T-joints, magnetic force upset welding, 14866  
   finger joints of pith-associated and non-pith associated southern pine 2 by 6's, tensile strength, 14469  
   rock, shear and sliding resistance tests for Forebay Dam, Grand Coulee, 3d power-plant project, 15145  
 Jones, Dale N., introduction to jet-engine exhaust and trailing vortex wakes, 13024  
 Jones, Donald R., staffing patterns in mental health facilities, 15017  
 Jones, Mildred V., wool statistics and related data, 13007  
 Jones, Ruben L., block and strip solutions involving Lunar Orbiter photographic data used to prepare contour charts for five Apollo landing sites, 14872  
 Jones, W. Webster, sanitary regulation of fluid milk industry, inspection, cost, and barriers to market expansion, 12990  
 Jones County, Iowa, community profile, 14035  
 Jones County, N.C., community profile, 14036  
 Jones County, S. Dak., community profile, 14037  
 Jordan, C. A., cushioning performance of multilayer corrugated pads at center only, 14468  
 Jorgensen, Donald L., persistence of precipitation at 108 cities in conterminous United States, 14344  
 Joscelyn, Kent B., car/trees, rollover, multidisciplinary accident investigation, 14987  
 Journalists, *see* Reporters and reporting.

Judge Advocate General, Navy, manual, 14649  
 Judicial Conference of United States, proceedings, 12956  
 Judicial procedure, sovereign immunity, judicial review of certain administrative agency action, hearing, 13750  
 Judicial tribunals, *see* Courts.  
 Judiciary Committee, House:  
   hearings, 13530-533  
   investigations and studies, expenses, report, 13446  
   reports, 13376-378, 13380-392, 13433, 13439, 13442  
 Judiciary Committee, Senate:  
   committee print, 13745  
   hearings, 13744, 13746-750  
   reports, 13577-623, 13640-642, 13644, 13654, 13696, 13698, 13700  
 Juhola, A. J., regeneration of spent granular activated carbon, 14405  
 Juniper, *see* Cedar.  
 Jupiter (planet):  
   atmosphere, 14898  
 Justice Department:  
   appropriations, 1971, hearings, 13708  
   Attorney General approval concerning title to lands acquired, amend revised statutes, report, 13696  
 Juveniles, *see* Youth.

## K

Kaattari, George E., method for predicting pressures on elliptic cones at supersonic speeds, 14854  
 Kahn, Gerald, statistics of local public school systems, finances, 14297  
 Kalman filters, used for evaluation of lunar beacons in estimation of lunar orbits, 14865  
 Kamehameha I, memorial statute, Hawaii's presentation to National Statutory Collection, proceedings, 13558  
 Kamel, Ahmed A., perturbation theory based on Lie transforms and its application to stability of motion near sun-perturbed earth-moon triangular libration points, 14825  
 Kansas, county business patterns, 13162  
 Katell, Sidney, investment and operating costs for chemical and petroleum plants, bibliography, 14776  
 Kaufman thruster, *see* Ion thrusters.  
 Kaye, Melvin A., relief, 13260, 13556  
 Keane, Leo M., global navigation and traffic control using satellites, 14895  
 Kelly, T. E., saline water ground-water resources of Rio Grande drainage basin, pilot study, 14596  
 Kendall School:  
   Galludet College to maintain and operate as demonstration elementary school for the deaf—  
     hearing, 13751  
     report, 13678  
 Kennedy Space Center, improved accounting control over equipment, GAO report, 14500  
 Kenya, economic trends and their implications for United States, 14636  
 Kenyon, Karl W., sea otter in eastern Pacific Ocean, 15269  
 Keokuk County, Iowa, community profile, 14038  
 Kerr, Pat C., interrelation of carbon and phosphorus in regulating heterotrophic and autotrophic populations in aquatic ecosystems, 14413  
 Ketterson, F. A. Jr., historical base map and documented narrative, 1869, Golden Spike National Historic Site, 15031  
 Keum Ja Kim, *see* Franks, Keum Ja.  
 Keum Jo Kim, *see* Franks, Keum Ja.  
 Key West National Wildlife Refuge, birds, list, 15273

# INDEX

- Keves, C. G. jr.:  
disposal of brine by solar evaporation—  
design criteria, 14598  
field experiments, 14597
- Kidder County, N. Dak., community profile, 14039
- Kidneys, diseases, renal disease and hypertension, Public Health Service cooperative study conference proceedings, 14367  
*see also* Artificial kidneys.
- Kilisgaard, Thor H., mineral resources of Sawtooth Primitive Area, Idaho, 14525
- Kim, Keum Ja, *see* Franks, Keum Ja.
- Kim, Keum Jo *see* Franks, Keum Ja.
- Kimbrell, Charles L., mineral industry of Pakistan, 14787
- Kinetics, gases, kinetic behavior, first order effects of plane surfaces, 14864
- King, Marjorie, testimony, hearings, 13747
- Kings County, N.Y., community profile, 14040
- Kingsbury County, S. Dak., community profile, 14041
- Kingsley, Neal P., timber resources of Ohio, 14483
- Kits, sets, kits, and outfits, Federal item identification guide, 13792
- Knop, C. M., study of pulse propagation of electromagnetic signals through solar corona, 14815
- Knox County, Ohio, community profile, 14042
- Kodhenderfer, James N., erosion control on logging roads in Appalachians, 14473
- Koopman, F. C., investigation of water supply near Enrico, N. Mex., in relation to nearby high-energy detonations, 14530
- Korea, basic bibliography, 13028
- Korean War, 1950-53, veterans, *see* Veterans.
- Kossack, Charles A., air pollution report, Federal facilities, metropolitan Toledo interstate air quality control region, 14901
- Kossuth County, Iowa, community profile, 14043
- Kramer, David, seasonal and geographic characteristics of fishery resources, California current region 2, Pacific saury, 13240
- Kree, Frank J., conferring citizenship posthumously, 13293
- Krickovic, Stephen, methane emission rate studies in northern West Virginia mine, 14800
- Krochmal, Arnold, germinating pokeberry seed, 14459
- Kruslewski, S. Victoria, selected bibliography of radioactive occurrences in U.S., 13083
- Kryter, K. D., possible modifications to calculation of perceived noisiness, 14831
- Kuenzi, Edward W., buckling coefficients for simply supported, flat, rectangular sandwich panels under biaxial compression, 14467
- Kueser, P. E., ceramic-metal bore seal development, 14816
- Kunkel, Fred, summary of ground water occurrence in California, 14541
- Kunzman, W. A., network analysis series, accuracy of computer program BMD02R stepwise regression, 15134
- Kyanite, and related minerals, minerals yearbook chapter, 14780
- Kyhos, Milton, relief, 13580
- L**
- L series, 13190
- Labor:  
automotive soft, trim workers, American Motors Corp. plant, Wyoming, Mich., how they might be affected by imports, Tariff Commission, report, 15343
- Labor—Continued  
certain workers, protective footwear of rubber or plastics, etc., Tariff Commission report, 15346  
construction laborers, employment outlook, 14698  
handicapped workers legislation, 1970, hearings, 13752  
how to train workers on job, 14654  
production and maintenance workers, electrical components and apparatus and allied products, F. W. Sickles Corporation, General Instrument Corporation, Tariff Commission report, 15344  
publications, price list, 15126  
*see also* Hours of labor—Migrant labor—Wages.
- Labor and Public Welfare Committee, Senate, reports, 13575, 13651, 13653, 13676-679, 13704, 13751-755
- Labor Department:  
appropriations—  
1970, supplemental, proposal, 13565  
1971, report, 13426  
1971, waiving points of order, report, 13429  
construction costs of certain Federally financed housing projects, increased due to inappropriate minimum wage rate determinations, GAO report, 14496  
safety training programs, occupational safety aid, OSA LS series, 14658  
Solicitor, nomination of Peter G. Nash, hearing, 13754  
Under Secretary of Labor, nomination of Laurence H. Silberman—  
hearing, 13754  
report, 13575
- Labor laws:  
labor law and practice in—  
Iceland, 14661  
Japan, 14662  
Labor legislation, *see* Labor laws.
- Labor standards:  
Fair labor standards act—  
executive, administrative, professional and outside salesmen, exemptions, 15384  
hospitals, 15385  
Labor Standards Bureau, bulletins, 14657  
Labor Statistics Bureau:  
BLS report series, 14661-663  
BLS staff papers, 14664  
bulletins, 14665-741  
establishment employment estimates revised to Mar. 1969 benchmark levels, 14659  
information system, systems manual, 14660  
Labor supply, micro model, 14664
- Labor unions:  
wages and hours—  
local transit operating employees, 14738  
local truckdrivers and helpers, errata, 14739  
printing industry, 14740  
Laboratories, standards, directory, 14916  
*see also* names of laboratories or places where located.
- Laborers, *see* Labor.
- Lake County, Fla., soils, classification and correlation, 15194
- Lake County, Ohio, community profile, 14045
- Lake County, S. Dak., community profile, 14046
- Lake County, Tenn., appraisal of potentials for outdoor recreational development, 15186
- Lake Tahoe basin, Calif.-Nev., general information, 14556
- Lakes, *see* names of lakes or places where located.
- Lamar County, Ala., community profile, 14047
- Lambs, lamp crop, 1970 statistics, 15337

La Moure County, N. Dak., community profile, 14044

Lampl, Raumo A., use of infrared radiometric microscope in nondestructive determination of flexible package seal defects, 13041

#### Land:

Land and water conservation fund act of 1963, amend, report, 13428

suboceanic lands policy, United Nations special study, hearings, 13725

title to lands acquired for or on behalf of United States, approval by Attorney General, amend revised statutes, report, 13696

use planning and community development resource data on soils, Creswell area, Oreg., 15228

*see also* Natural resources—Public lands—Real estate.

Land Management Bureau, "Johnny Horizon" character, prevent unauthorized manufacture and use, report, 13442

Land tenure, farm tenure and cash rents in U.S., 14267

Land titles, *see* Land.

Landfills, *see* Refuse.

Landing (spacecraft), *see* Spacecraft.

Landmarks, *see* Historic sites.

#### Landscape:

national estuary study, survey and analysis—

departmental edition, 15265

document edition, 13355

Lane, Paul H., new and easier way to estimate quality of inland Douglas-fir saw timber, 14477

Lange, E. A., dynamic tear energy, practical performance criterion for fracture resistance, 15064

Language and languages, *see also* Computer programs/programming—*also* names of languages.

Lansche, Arnold M.:

calcium and calcium compounds, 14773

sodium and sodium compounds, 14797

#### Laos:

background notes, 15285

hostilities, governments participating in treatment of prisoners of war relative to Geneva Convention, with reservations, if any, 13511

refugee and civilian war casualty problems, hearings, 13749

Larson, Signe M., fire in far northern regions, bibliography, 14602

Las Vegas, N. Mex., soil survey, 15234

Las Vegas National Wildlife Refuge, birds, list, 15275

Laser radar, *see* Radar.

#### Lasers:

plasma, noise characteristics and amplitude stabilization, investigation, 14826

used for laser transmissometer calibrator, evaluation, 15340

*see also* Ruby lasers.

#### Lash Italia (SS):

launching (remarks), 14757

Lathers, employment outlook, 14697

Lathing, special trade contractors, census of construction industry, 1967, statistics, 13128

#### Latin America:

aircraft sales in, hearings, 13507

market profiles, 13222

selective migration program, operated by Intergovernmental Committee for European Migration, hearing, 13516

Lauderdale County, Ala., community profile, 14048

Launch vehicles, *see* Spacecraft.

Launching facilities, satellites, agreement with Italy, 15330

#### Law:

legal phases of farmer cooperatives, sample legal documents, 14354

legal questions associated with low income and minority housing, 15374

*see also* International law—Labor laws—*also* subjects.

slip laws (private), 91st Congress, 13257-299

slip laws (public), 91st Congress, 13300-347

#### Law enforcement:

drug abuse control, report, 13489

need to know, NILE&CJ, goals and programs, 14651

safer, more just America, program, 14650

Law Enforcement Assistance Administration:

annual report, 14652

program for safer, more just America, 14650

Lawrence, Deloris, architecture, building and engineering, 13026

Lawrence County, Ala., community profile, 14049

Lawrence County, Ohio, community profile, 14050

Lawrence County, S. Dak., community profile, 14051

Laws, *see* Law—*also* subjects.

Lawyers, estate tax attorney, career with Internal Revenue Service, 14606

Layout, *see* Plants (industrial).

Layout men (machine shop):

employment outlook, 14710

LEAA, *see* Law Enforcement Assistance Administration.

Lead poisoning, lead-based paint poisoning, eliminating causes, provide Federal assistance, hearings, 13502

#### Leadership:

leader job grading standard for trades and labor occupations, civil service, 13198

ROTC program, where the leaders are, 13062

Leafhoppers, *see* Potato leafhopper.

Leaflets, *see* names of departments, etc., issuing leaflets—*also* subjects.

Learning, self-study course in FORTRAN programming, workbook, 14808

#### Leases:

airspace in District of Columbia, authorize, report, 12670

rental space in District of Columbia, authorize, report, 13647

Leave of absence, uniformed service members voluntarily extending tour of duty in hostile fire areas, special 30-day period of leave, extend authorization, report, 13637

Lee, J. S., smooth limiting of two signals in narrowband system, 15094

Lee, Kim L., high-precision Chebyshev series approximation to exponential integral, 14885

Lee County, Ala., community profile, 14052

Lee County, Iowa, community profile, 14053

Lee County, Miss., water resources, 14550

Legal documents, *see* Law.

Legion Warehouse Corp., motor carrier accident, 14803

Legislation, call for cooperation, message from the President, 15118

*see also* Law—subjects.

Legislative appropriations, *see* Appropriations.

Lenders handbook, guarantee or insurance of loans to veterans, GI loan program, change, 15380

Lentils, how to buy, 12983

Leonard, Bruce R., acoustic and aerodynamic performance of 6-foot-diameter fan for turbofan engines, design of facility and QF-1 fan, 14856

Lesotho, special study mission report, print additional copies, report, 13634

# INDEX

- Letters, foreign, 1785-90, of Continental Congress and State Department, microcopy, pamphlet to accompany, 14910
- Lewis, John R., magnesium, 14781
- Lewis County, N.Y., community profile, 14054
- LF, *see* Frequency band.
- Li, Ta:  
mineral industry of—  
Burma, 14782  
Philippines, 14788
- Librarians, career opportunities, Government Printing Office, college graduates in library science, 14557  
*see also* Medical record librarians.
- Libraries:  
colleges and universities, data for individual institutions, 14288  
coordinators of children's and young adult services in public libraries serving from 100,000 people, 1970 directory, 14277
- Library accessions:  
Eastern Africa, Library of Congress National Program for Acquisitions and Cataloging, Nairobi, Kenya, 14751  
Indonesia, American Libraries Book Procurement Center, cumulative list of serials, supplement, 14752
- Library of Congress:  
accessions—  
Eastern Africa, National Program for Acquisitions and Cataloging, Nairobi, Kenya, 14751  
Indonesia, American Libraries Book Procurement Center, Djakarta, cumulative list of serials, supplement, 14752  
appropriations, 1971, legislative, report, 13440  
Government publications, non-GPO imprints received from July 1967-Dec. 1969, list, 14755  
National Program for Acquisitions and Cataloging, accessions list, Eastern Africa, 14751  
policing of buildings and grounds, amend act, report, 13624  
Public law 480, project accessions list, Indonesia, cumulative list of serials, supplement, 14752
- Library science, college graduates, career opportunities, Government Printing Office, 14557
- Librations, *see* Moon.
- Libya, economy, basic data, 13220
- Licking County, Ohio, community profile, 14055
- Lidar, *see* Radar.
- Lide, David R., jr., critical, evaluation of data in physical sciences, status report on national standard reference data systems, 14827  
national service, information and premium rates, J and JR policies, 15381  
national service, total disability income provision premium rates, 15382
- Life insurance:  
servicemen's group life insurance, increase, law, 13302
- Life sciences, occupations, employment outlook, 14674
- Life support systems, trade-off study and conceptual designs of regenerative advanced integrated life support systems (AIISS), 14807
- Lift (aircraft):  
6 wing-mounted lift fans, wind tunnel investigation of V/STOL transport model, 14848  
V/STOL transport model with 4 pod-mounted lift fans, wind tunnel investigation, 14881  
wing allstream flow interaction, analysis, 14829
- Lifting, teach them to lift, 14657
- Light Horse Harry Lee Bridge, designate, report, 13452
- Light water reactors, *see* Reactors (atomic).
- Lights and lighting:  
Naval Oceanographic Office, lists—  
Norway, Iceland, and Arctic Ocean, 15054  
Pacific Ocean, western etc., change, 15053
- TRACON facilities, improvement of operating conditions, handbook, 14359
- Lignite:  
sodium concentration in, prediction, 14794  
technology and use of lignite, symposium proceedings, 14774
- Limestone County, Ala., community profile, 14058
- LINAC (linear electron accelerator), *see* Accelerators.
- Lincoln County, N.C., community profile, 14057
- Lincoln County, S. Dak., community profile, 14055
- Lindane, spray effective against mountain pine beetle in Rocky Mountains, 14463
- Linear systems, class of semilinear hyperbolic systems analogous to differential-integral equations of gas dynamics, some general properties, 15076
- Linn County, Iowa, community profile, 14059
- Linstedt method, *see* Mathematics.
- Liquids:  
conversion of coal into liquids, Project Western Coal, 13207  
films spread on liquid surfaces, compressibility modulus of compressibility, and perpendicular component of molecular dipole moment, CDC 3800 computer program to calculate and plot, 15070
- Liquors, laws and regulations for retail dealers, 14611
- Lithium, nomographs for use in fabrication and testing of Ge(Li) detectors, 14925
- Lithographs, lithographic occupations, employment outlook, 14712
- Livingston County, N.Y., community profile, 14060
- Load (aerodynamics):  
rotorcraft external-load operations, Federal aviation regulations, 14357
- Load (mechanics):  
load-carrying capacities of existing concrete beams, study of feasibility of methods for increasing, 14336  
rectangular plates, moments and reactions, 15142  
self-acting thrust bearings, optimization for load capacity and stiffness, 14386  
uniaxial tensile loads applied to lightweight coated fabric with and without prior cycling, air permeability studies, 14873
- Loader, Arline, relief, 13390
- Loader, Maurice, relief, 13390
- Loading, *see* Load (mechanics)—Unloading and lading.
- Loans:  
defense production, guarantees, regulations, supplement, 14396  
Farmers Home Administration, rural housing, 12999  
lenders handbook, VA pamphlet, change, 15380  
loaning of money and interest rates under D.C. cooperative association act, exempt from D.C. laws, report, 13450  
Small Business Administration, lending objectives, etc., 15157  
veterans home loan programs, mobile homes, hearings, 13545, 13755
- Local government, *see* Government.
- Local transit, operating employees, union wages and hours, 1969 and 1929-69 trend, 14738

Locke, J. W., criminal court data on pre-trial release of defendants, 14924  
 Loftin, Lester L., soil interpretations, St. Mary's Parish, La., 15236  
 Logan County, N. Dak., community profile, 14061  
 Logan County, Ohio, community profile, 14062  
 Logging, *see* Lumbering.  
 Logging roads, *see* Roads and highways.  
 Logs:  
   green, and limewood, directions for treatment to prevent splitting and checking, 14429  
   veneer industry in Northeast, 5-year data on veneer-log production, 14484  
 Lonergan, Bobbie D., education associations, directory, 14278  
 Long Island, N.Y.:  
   hydrology and some effects of urbanization (series), 14538  
   streams, urbanization and its effects on temperature, 14536  
 Long Valley, Idaho, quarternary geology, 14521  
 Lorain County, Ohio, community profile, 14063  
 Loran, tests at Anniston, Ala., and Panama City, Fla., evaluation, 14349  
 Lora, F. J., dynamic tear test investigations of fracture toughness of thick-section steel, 15077  
 Louisa County, Iowa, community profile, 14064  
 Louisiana, conservation needs inventory, 15219  
 Low-rent housing, *see* Housing.  
 Lower Clear Boggy Creek, revised work plan for watershed protection and flood prevention, Atoka, Bryan, Coal, and Johnston Counties, Okla., 15229  
 Lower Monumental Dam, fish passage report, 14302  
 Lowndes County, Ala., community profile, 14065  
 LSD, *see* Lysergic acid diethylamide.  
 Lubricants, NRL-NB-20B, improved instrument ball bearing lubricant, 15086  
 Lubrication, self-acting thrust bearings, optimization for load capacity and stiffness, 14886  
 Lucas County, Iowa, community profile, 14066  
 Lucas County, Ohio, community profile, 14067  
 Lumber, imports, 13094  
 Lumbering:  
   logging practices, industrial waste guide, 14403  
   single-span skyline timber volume survey, Pacific Northwest region, 14486  
   tree and sawyer factors effects on costs of felling large alligator junipers, 14478  
 Lunar landings, five Apollo landing sites, block and strip solutions involving Lunar Orbiter photographic data, 14872  
 Lunar Orbiter, *see* Spacecraft.  
 Lunar orbits, *see* Orbits.  
 Lundgren, Allen L., biological growth functions describe published site index curves for Lake States timber species, 14471  
 Luxembourg, economic trends and their implications for United States, 14625  
 Lyman County, S. Dak., community profile, 14068  
 Lyne, Richard E., address, May 26, 1970, 12972  
 Lyon County, Iowa, community profile, 14069  
 Lyophilization, freeze-drying of foods for Armed Services, 13045  
 Lysergic acid diethylamide, LSD-25, factual account, layman's guide to pharmacology, physiology, psychology, and sociology of LSD, 14805

## M

McAnallen, Harry W., communications and electronics, 13027  
 McCarthy, Justin H., static stresses on wide-blades propellers, 15097  
 McCook County, S. Dak., community profile, 14070  
 McCord, John W., relief, 13274, 13594  
 McDonald, Lehman L., preliminary evaluation of new candidate materials as toxicants, repellents and attractants against stored-product insects, 12989  
 McDowell County, N.C., community profile, 14071  
 McEvilla, Joseph D., drugstores, 15158  
 McGinnis, John M., evaluation of Army aircrew protective armor in Vietnam, 13044  
 McGonegal, Donal E., relief, 13578  
 McHenry County, N. Dak., community profile, 14072  
 Machine shops, machines and machine shops, service industry, 1967, industry statistics, 13152  
 Machine tool operators, employment outlook, 14710  
 Machinery:  
   industrial machinery repairmen, employment outlook, 14706  
   machines and machine shops, service industry, census of manufacturers, 1967, industry statistics, 13152  
   manufacturing, industry wage survey, 14737  
   wrapping and packaging, Federal item identification guide, 13800  
 Machining, occupations, employment outlook, 14710  
 Machinists, all-round employment outlook, 14710  
 McIntire-Stennis act, *see* Forests and forestry.  
 McIntosh County, N. Dak., community profile, 14073  
 McKay Creek, watershed work plan, Washington and Multnomah Counties, Oreg., 15244  
 McKenzie County, N. Dak., community profile, 14074  
 McLean County, N. Dak., community profile, 14075  
 McNary Dam, fish passage report, 14302  
 McNitt, Harold A., selling in Denmark, 13226  
 Macon County, Ala., community profile, 14077  
 Macon County, N.C., community profile, 14078  
 McPherson County, S. Dak., community profile, 14076  
 Madagascar, economic trends and their implications for United States, 14628  
 Madison County, Ala., community profile, 14079  
 Madison County, Iowa, community profile, 14080  
 Madison County, N.C., community profile, 14081  
 Madison County, N.Y., community profile, 14082  
 Madison County, Ohio, community profile, 14083  
 Magnesium, minerals yearbook chapter, 14781  
 Magnetism, magnetic force upset welding of dissimilar thickness stainless-steel T-joints, 14866  
 Magnetosphere, magnetospheric duct propagation, ray tracing digital computer program for study, 14842  
 Mahan, John N., fertilizer supply, 12970  
 Mahantango Creek, Pa., watershed, soil survey interpretations, 15235  
 Mahaska County, Iowa, community profile, 14084

## INDEX

- Mahoning County, Ohio, community profile, 14085
- Maier, Milton H., development of improved aptitude area composites for enlisted classification, 13059
- Mail carriers, employment outlook, 14728
- Mail matter:
- military assistance program, address directory, 13812-813
  - sex-oriented mail, protection of minors and rights of privacy—
  - hearings, 13530
  - report, 13439
- sexually oriented advertisements, invasion of privacy, stronger Federal controls, law, 13342
- Mallou, R. J., phase interpolation circuits for scanning phased arrays, 14854
- Maine:
- census of business, 1967, retail trade, merchandise line sales, 13105
  - marine aquaculture has great potential dollar value (remarks), 14374
- Mainland, Donald, notes on biometry in medical research, supp., 15377
- Maintenance:
- Defense Dept. vehicle maintenance in Europe, reduction of cost by improved management, GAO report, 14514
  - industrial plant and equipment maintenance trades apprenticeship schedules, 13034
  - maintainability guide for design, engineering design handbook, 13037
  - maintenance and operation of municipal waste treatment plants, need for improvement, Federal Water Quality Administration, GAO report, 14505
- Malsenhelder, Louis C., identifying juvenile seedlings in southern hardwood forests, 14480
- Malagasy Republic, *see* Madagascar.
- Malawi:
- economic trends and their implications for United States, 14624
  - special study mission report, print additional copies, report, 13634
- Malaysia, economic trends and their implications for United States, 14619
- Mall, economic trends and their implications for United States, 14632
- Malignant diseases, brain, research, 14932
- Mallin, Oreg., property, quitclaims of U.S. interests, 13258, 13049
- Malta:
- maritime matters, deployment of USS Shenandoah, agreement, 15307
  - Peace Corps volunteers, agreement, 15332
- Man:
- health and the environment, some research needs, 15010
  - myeloproliferative disorders, symposium proceedings, 13066
- Management, *see* Administrative management—Industrial management.
- Management and Budget Office, appropriations, 1971, hearings, 13711
- Managers:
- directing major research and development projects, high turnover, Army Dept., GAO report, 14499
  - hotel managers and assistants, employment outlook, 14726
- Manganese, natural battery grade, disposal from national and supplemental stockpile, law, 13306
- Manitowoc County, Wis.:
- flood plain information, 14313
  - floods, how to avoid damage, 14322
- Man-machine systems, *see* Human engineering.
- Mann, W. B., radioactivity calibration standards, special session, proceedings, 14923
- Manpower:
- air pollution control, manpower and training needs, report, print as Senate document, report, 13651
  - comprehensive development program, establish, hearings, 13753
  - computer process control, manpower implications for process industries, outlook, 14730
  - development and training legislation, 1970, hearings, 13753
  - JOBS '70, introducing programs, 14655
  - Manpower and seasonality in construction, 14666
  - Manpower development and training act of 1962, amend, report, 13704
  - research inventory, 14289
- Mansfield, Mike, tributes commemorating longest tenure as majority leader of Senate, 13560
- Manuals, *see* names of departments, etc., issuing manuals—*also* subjects.
- Manufacturers' agents, manufacturers' salesmen, employment outlook, 14690
- Manufactures and manufacturers:
- census, 1967—
  - concentration ratios in manufacturing, 13154
  - industry statistics, 13144-152
  - manufacturing activity in Government establishments, 13153
  - special reports, 13153-154
  - small manufacturing plants, traffic patterns, commodity transportation survey, 13156
  - see also* names of manufactured articles.
- MAR (military assistance program), *see* Military aid.
- Maps and charts:
- Census Bureau, United States maps, GE-50 series, 13181
  - MARC [machine readable cataloging] format, data elements, etc., for magnetic tapes, 14754
  - nautical charts and publications, region 2, Central and South America and Antarctica, 15051
  - star-field mapping system, investigation of optimum detection scheme, 14890
  - see also* names of localities—*also* subjects.
- Marble:
- setters, employment outlook, 14696
  - work, special trade contractors, census of construction industry, 1967, statistics, 13129
- MARC, *see* Cataloging.
- Marengo County, Ala., community profile, 14086
- Maricopa County, Ariz., land conveyance for recreational purposes, report, 13414
- Margins (securities) trading, *see* Securities.
- Marine animals, *see* Marine fauna.
- Marine biology, chum salmon, *Oncorhynchus keta* (Walbaum), 1792, synopsis of data, 13233
- Marine Corps:
- officer candidate school training, effects on serum uric acid levels, 14762
  - officers, professional reading guide, 15037
  - records, National Archives inventory group, 14908
- Marine engineering:
- Marine resources and engineering development act of 1966, amend—
  - law, 13324
  - report, 13656
- Marine fauna, poisonous and venomous marine animals of world, 13815
- Marine pollution, *see* Water pollution.
- Marine Resources and Engineering Development, National Council on, *see* National Council on Marine Resources and Engineering Development.

## Marine resources conservation:

anadromous fish resources, their conservation, development, enhancement, 14421

supplement, 14422

Marine science, *see* Oceanography.

Marine services, weather chart, Mexican border to Point Conception, Calif., 15388

Marion County, Ala., community profile, 14087

Marion County, Iowa, community profile, 14088

Marion County, Ohio, community profile, 14089

Maritime Administration, SP series, 14757

Markers, Federal item identification guide, 13780

Marketing, *see* Markets and marketing.

Markets and marketing:

acreage marketing guides, 13762

market profiles—

Latin America and Caribbean, 13222

Near East and South Asia, 13223

Western Europe and Canada, 13221

market surveys and industry reports issued by United Nations Economic Commission for Africa, supplement, 13227

marketing bulletins, 12988

marketing research reports, 12989-993

*see also* names or classes of commodities, etc., marketed.

Markov processes, Markov chain models for probabilities of hot and cool days sequences and hot spells in Nevada, 14345

Marks, R. E., measurements of subsurface and close-in surface dynamic effects, 13082

Mars (planet):

parametric design of interplanetary and orbital trajectories with examples for 1973-77 opportunities, 14880

Marshall County, Ala., community profile, 14090

Marshall County, Iowa, community profile, 14091

Marshall County, S. Dak., community profile, 14092

Marshes, marshland wildlife drive, Seney National Wildlife Refuge, Mich., description, 15261

Martin County, N.C., community profile, 14093

Maryland:

census of business, 1967, retail trade, merchandise line sales, 13106

landings, fish and shellfish, 13232

Potomac Valley Conservancy District compact, amendments, consent of Congress, report, 13467

Maryland tobacco, *see* Tobacco.

Marysville, Wash., railroad accident, report, 14383

Marzolf, J. M., switching inverter with sine-wave output, 15088

Mason, Johnny, Jr., relief, 13622

Masonry:

special trade contractors, census of construction industry, 1967, statistics, 13127

training guide and reference text, Army technical manual, 13055

*see also* Mortar.

Masons:

cement masons, employment outlook, 14697

stonemasons, employment outlook, 14696

Mass spectrometry, *see* Spectroscopy.

Massachusetts:

Agricultural Stabilization and Conservation Service, annual report and statistical summary, 12967

census of business, 1967, retail trade, merchandise line sales, 13107

Master cross reference list, 13802

Masters, Edgar Lee, 6 cent commemorative postage stamp (poster), 15108

Materials:

atomic, program, AEC authorizing legislation, 1971, hearings, 13348

metallurgy and materials programs, AEC research, 13086

standard reference materials, National Bureau of Standards, catalog and price list, supplement, 14921

*see also* Composite materials—also names of materials.

Materiel, *see* Military supplies.

Mathematical models, *see* Mathematics.

Mathematicians, and related occupations, employment outlook, 14678

Mathematics:

exponential integrals, high-precision Chebyshev series approximation, 14885

mathematical evaluation of SO<sub>2</sub> sorption regeneration reactions with alkaliized alumina, 14793

mathematical model—

economic availability of Mesabi Range taconite iron ores, 14777

effect of ground crash fire on aircraft fuselage integrity, 14360

sewage sludge fluidized bed incinerator capacities and costs, 14408

meromorphic functions and derivatives, one class, 15068

p-p and p-t final state interaction in reaction <sup>4</sup>He (d, tp) p, 14870

principle of conditional error, applications, 14479

relativistic equations of motion of artificial earth satellite, integration, 14894

*see also* Arithmetic—Markov processes.

Mauritania, Algeria boundary, study, 15296

Mauritius:

background notes, 15286

investment guarantees, agreement, 15309

Meade County, S. Dak., community profile, 14094

Meador, Willard E., first-order effects of plane surfaces on kinetic behavior of gases, 14864

Meads, J., data display and analysis, 14830

Measurements, users bulletin, supplement, 14920

*see also* subject of measurements.

Meat:

and meat products, USDA's acceptance service, 12988

cooked freeze-dried combination meat items, response to oxygen, 13047

Federal meat inspection act—

amend—

hearing, 13490

law, 13317

Joint Congressional Committee to study, establish, hearings, 13707

imports, agreement with Honduras, 15314

inspection of imports, provide, hearings, 13707

State inspections services—

hearing, 13490

law, 13317

Meat cutters, employment outlook, 14711

Meat Inspection Act, Federal, Joint Committee on Administration of, *see* Federal Meat Inspection Act, Joint Committee on Administration of.

Mechanical designs, *see* Designs (Industrial).

Mechanical equipment, *see* Machinery.

Mechanical instrument makers, *see* Instrument makers.

Mechanical properties, near-minimum property values of wood, tables for developing nonparametric estimates, 14466

## INDEX

- Mechanics (persons):**  
 employment outlook—  
   aircraft mechanics, 14723  
   automobile, truck, and bus mechanics, 14704  
   diesel and farm equipment mechanics, 14705  
   elevator constructors, 14700  
   industrial machinery repairmen, 14706  
   optical mechanics, 14708
- Medak, Herman**, atlas of oral cytology, 15148
- Medals**, commemorative, 100th anniversary of founding of Ohio Northern University, report, 13675
- Medicaid**, *see* Medical assistance—Public assistance.
- Medical assistance**, medicaid program in California, continuing problems in providing nursing home care and prescribed drugs under Social and Rehabilitation Service, GAO report, 14497
- Medical care:**  
   Armed Forces surviving dependents, health care cost-sharing arrangements, report, 13694  
   medical planning for disaster preparedness, medical service, Air Force manual, 13018  
   medicare program, costly problems, hearings, 13728  
   mortality of aged before and after medical care, 15164  
   public assistance, vendor payments by type of service, 14938  
   Veterans Administration hospitals and medical programs, funding and personnel needs, hearings, 13547  
   veterans source medical services, 1969-70, additional material, 13546
- Medical Department**, Navy, manual, change, 14759-760
- Medical laboratory technicians**, medical laboratory workers, employment outlook, 14668
- Medical literature analysis and retrieval systems**, MEDLARS services, guide, 15023
- Medical record librarians**, employment outlook, 14670
- Medical schools:**  
   Health training improvement act of 1970, report, 13651  
   special departments and programs in field of family practice, grants to establish, report, 13679
- Medical specialists**, naval enlistees serving as medical specialists, military effectiveness, 14764
- Medical technicians**, emergency ambulance, basic training program, instructor's lesson plans, 14958
- Medicare**, *see* Medical care.
- Medicine:**  
   aviation medical report AM series, 13088-89  
   family practice, personnel training, encourage and promote, report, 13679  
   medical problems in rural areas, 14265  
   medical radionuclides radiation dose and effects, 13068  
   medical research support, Army Medical Research and Development Command, 13063  
   notes on biometry in medical research, supp., 15377  
   regional medical programs, selected bibliography, 15149
- Medina County**, Ohio, community profile, 14095
- MEDLARS**, *see* Medical literature analysis and retrieval systems.
- Medvin, Norman**, forecasting occupational job requirements, 14653
- Meigs County**, Ohio, community profile, 14096
- Mekong River and Valley**, lower basin Pa Mong project, stage 1 feasibility report, appendix, 15143
- Melamine dinnerware** alpha-cellulose-filled, for household use, product standard, 14928
- Mellette County**, S. Dak., community profile, 14097
- Membranes**, cellulose ester, research and development, 14595
- Memorials**, *see* names of persons to whom memorials are erected.
- Memory devices**, limited memory estimators, application to spacecraft attitude determination, analysis, 14835
- Meningitis**, meningococcal, general information, 15129
- Meningococcus**, meningococcal meningitis, general information, 15129
- Men's residence halls**, University of Dubuque, Dubuque, Iowa, buildings with fallout protection, design case study, 13187
- Mental health:**  
   Public Health Service's mental health career development program in psychiatry, 15012  
   statistics, analytical and special studies reports, 15017
- Mental health centers**, *see* Mental institutions.
- Mental institutions**, staffing patterns in mental health facilities, 15017
- Mental retardation:**  
   developmental disabilities services and facilities construction act of 1970, report, 13411  
   Facilities construction act, extend, report, 13411
- Mentally retarded:**  
   children, selected reading suggestions for parents, 13185  
   State and local resources, directory, 14563
- Mercer County**, N. Dak., community profile, 14098
- Mercer County**, Ohio, community profile, 14099
- Merchandise**, *see* Commercial products.
- Merchant marine:**  
   act of 1936, amend—  
     hearings, 13535  
     report, 13688  
   legislation, hearings, 13535  
   national policy to revitalize (remarks), 14373  
   program, report, 13688  
   proposals for improvement (remarks), 14374
- Merchant Marine and Fisheries Committee**, House:  
   hearings, 13534-535  
   reports, 13456, 13466, 13468, 13487
- Merchant ships**, *see* Ships.
- Merchant vessels**, *see* Ships.
- Mercury**, contamination in natural environment, bibliography, 14604
- Meridian**, Idaho, ground-water infiltration reduced in sewers by zone pumping, 14417
- Merriack County**, N.H., Sugar River watershed, work plants, 15253
- Mertins, Paul F.**, commentary on endowment, financial statistics, institutions of higher education, 14285
- Mesabi Range**, taconite iron ores, evaluating their economic availability with computerized models, 14777
- Mesosphere**, temperature, pressure, density, and wind measurements, 14893
- Metal work**, *see* Metalwork.
- Metal working**, *see* Metalworking.
- Metallurgy**, and materials programs, AEC research, 13086

- Metals:**  
ceramic-metal bore seal development, 14816  
procedures for analysis of metals, alloys, and other materials of research, change, 15061  
recovery from electroplating wastes by waste-plus-waste method, 14799  
*see also* Fracture of metals—*also* names of articles manufactured from metals.
- Metalwork, ornamental, special trade contractors, census of construction industry, 1967, statistics, 13136**
- Metalworking, trades, apprenticeship, schedules, 13035**
- Meteoroids, *see* Meteors**
- Meteorological Rocket Network, Experimental InterAmerican, *see* Experimental Inter-American Meteorological Rocket Network.**
- Meteoro-logical satellites, *see* Satellites.**
- Meteorologists, employment outlook, 14673**
- Meteorology:**  
meteorological satellite data applied in analysis and forecasting, 14346  
temperature, pressure, density, and wind measurements in stratosphere and mesosphere, 14893  
*see also* Weather.
- Meteors, hyperboloid cavity in thin plate caused by meteoroid impact, stress, concentration, 14887**
- Methanes:**  
emission rate studies from northern West Virginia mine, 14800  
methane fuel used in turbines of turbojet powered mach 3 transport, turbine aerodynamic and cooling requirement, 14871
- Metropolitan areas, *see* Cities and towns.**
- Metsker, Howard E., fish versus culverts, considerations for resource managers, 14431**
- Mexican border to Point Conception, Calif., marine weather services chart, 15388**
- Mexico, weather stations, cooperative meteorological program, agreement, 15331**
- Mexico, Gulf of, surface water quality of western basin, 14554**
- Miami County, Ohio, community profile, 14100**
- Michel, Bernard, ice pressure on engineering structures, 14306**
- Michelson, Ronald W., evaluating economic availability of Mesabi Range taconite iron ores with computerized models, 14777**
- Michigan:**  
census of business, retail trade, merchandise line sales, 13108  
county business patterns, 13163  
ground water hydrologic data, summary, 14540  
growing timber resource, 14482  
water resources data, 14544
- Micro model of labor supply, 14664**
- Microfilm, National Archives publications, pamphlet accompanying, 14909-913**
- Micro-organisms, pathogens and chemicals tested against caterpillars on cabbage, 13002**
- Microscopes, infrared radiometric, used in nondestructive determination of effects of flexible package seal defects, 13041**
- Microwaves:**  
switching schemes and variable power-division networks using phase shifters, review, 15083  
time and frequency transfer via microwave link, 15096
- Mid-Atlantic States, *see* Atlantic States.**
- Middleton, Conn., motor carrier accident, 14803**
- Midwest (U.S.):**  
upper, floods, description, etc., 14528
- Mie scattering, *see* Scattering.**
- Migrant labor, agricultural workers, housing, regulations and standards, 12978**
- Migratory birds, *see* Water birds.**
- Migratory sheep ranches, 1960, costs and returns, 14270**
- Migratory workers, *see* Migrant labor.**
- Mihm, John J., repeatability, accuracy, portability, and errors of portable alignment gyrocompass system, 14846**
- Military Academy, West Point:**  
annual report—  
Commandant of Cadets, 14767  
Dean of Academic Board, 14768  
resource management, 14769  
superintendent, 14770
- Military aid:**  
appropriations, 1971, report, 13400  
foreign assistance programs, background material, 13509  
Japan and Okinawa, U.S. security agreements and commitments abroad, hearings, 13735  
military assistance program address directory, 13812-813
- Military aircraft, *see* Aircraft.**
- Military art and science, military operations of Civil War, official records of Union and Confederate Armies, guide-index, main eastern section theater, comprehensive index of recognized operations, 14907**
- Military assistance, *see* Military aid.**
- Military bases, physical geography and military environment in transect of Utah and Colorado Rockies, 13042**
- Military claims, *see* Claims.**
- Military construction, *see* Building—Installations (military).**
- Military education, graduate education requirements for military officers positions, improvements needed in determining, GAO report, 14501**
- Military effectiveness of—**  
naval enlistees serving as medical specialists, 14764  
Navy airmen enlistees, 14763
- Military equipment, *see* Military supplies.**
- Military facilities, human engineering design criteria for military systems, equipment, and facilities, military standard, 13810**
- Military history, Harmon memorial lectures (series), 13009**
- Military History, Office of Chief of, publications, list, 14771**
- Military missions, agreement with Iran, 15319**
- Military pay, *see* Pay, allowances, etc.**
- Military research:**  
independent research and development of products, contractor effort not sponsored by Government contract, grant, or arrangements, hearings, 13494  
major research and development projects, high turnover of managers, Army Dept., GAO report, 14499
- Military standards, *see* Standards and standardization.**
- Military supplies:**  
airdrop of supplies and equipment, rigging of 5 KW generator set with portable floodlight set, Army technical manual, 13058  
contractor procurement system reviews, Defense Dept. and NASA, improving effectiveness, GAO report, 14507  
Defense Department standardization documents, classification listing, 13803  
defense industrial plant equipment center operations, DSA manual, change, 13779  
human engineering design criteria for military systems, equipment, and facilities, military standard, 13810
- MILSTRIP, military standard requisitioning and issue procedures, supplements, 13812-813**
- need for improving program for use and redistribution of excess material in Pacific area, by Defense Dept., GAO report, 14506**

# INDEX

- Military supplies—Continued  
operating forms, cataloging manual, change, 13776  
procurement, independent research and development of products cost sharing by Government contractor, hearings, 13494  
survey of procurement statistics, 15056  
Milk, fluid, industry, sanitary regulations, inspection, cost, and barriers to market expansion, 12990  
Milk plants, *see* Milk.  
Miller, Anthony P., Inc., *see* Anthony P. Miller, Inc.  
Miller, G. Kimball, Jr., fixed-base visual simulation of obstacle avoidance during terminal descent of advanced Apollo spacecraft with all-flexible parawing, 14879  
Miller, James E., relief, 13577  
Miller, Robert E., development and standardization of Air Force officer qualifying test form K, 13014  
Miller, Robert L., tree and sawyer effects on costs of felling large alligator junipers, 14478  
Mills, *see* types of mills.  
Mills County, Iowa, community profile, 14101  
Millwright, employment outlook, 14706  
MILSCAP (Military standard contract administration procedures), *see* Government contracts.  
MILSTRIP (Military standard requisitioning and issue procedures), *see* Military supplies.  
Milwaukee, Wis., liaison teacher program, 14287  
Minas Gerais, Brazil:  
Quadrilatero Ferrifero, gneissic and igneous rocks, 14537  
regional geology of Quadrilatero Ferrifero (series), 14537  
Mine drainage, acid mine drainage, treatment by reverse osmosis, 14411  
Miner County, S. Dak., community profile, 14102  
Mineral industries, *see* Minerals.  
Minerals:  
bone, method of measurement, progress, conference proceedings, 15007  
deposits, Serpentine Hot Springs area, Seward Peninsula, Alaska, 14522  
industry, minerals yearbook chapter—  
Burma, 14782  
China, mainland, 14785  
Cyprus, 14783  
Hungary, 14784  
Morocco, 14786  
Pakistan, 14787  
Philippines, 14788  
Rumania, 14789  
mineral quality problem in Colorado River Basin, physical and economic impacts, 14404  
nonmetallic mineral industries, 1964-65 injury experience, 14778  
resources—  
Gore Range-Eagles Nest primitive area and vicinity, Summit and Eagle Counties, Colo., 14524  
Sawtooth Primitive Area, Idaho, 14525  
Mines and mining, northern West Virginia mine, methane emission rate studies, 14800  
Mines Bureau:  
information circulars, 14774-779  
report of investigations, 14792-796  
technical progress reports, 14798-800  
Ministers (diplomatic agents), *see* Ambassadors.  
Minnesota:  
census of business, 1967, retail trade, merchandise line sales, 13109  
water resources data, 14545  
Minorities:  
education of national minorities in Communist China, 14279  
job patterns in private industry, 14353  
minority business enterprise directory, 13217  
minority group employment in Federal Government, preliminary report, 13203  
Minority Business Enterprise Office, directory of private programs, 13217  
Minors, *see* Children.  
Minot extension, *see* Missouri River Basin project.  
Minute Man National Historical Park, revise boundaries and complete land acquisition, authorize, report, 13461  
Mirrors, thin, deformable, used in development of active optics concept, 14818  
Miserla, poster, 15018  
Missiles:  
manufacturing industry, employment outlook, 14717  
Soviet Union, in Cuba and Caribbean region, U.S. security posture, hearings, 13510  
Mississippi:  
census of business, 1967, retail trade, merchandise line sales, 13110  
county business patterns, 13164  
Mississippi River and Valley:  
Cape Girardeau, Mo., flood plain information, 14314-315  
lower basin, surface water quality, 14554  
upper basin—  
clean water for mid-America, 14400  
quality of surface waters, 14553  
Missouri, county business patterns, 13165  
Missouri Basin Inter-Agency Committee, annual programming report, 1970-72 fiscal years, 14801  
Missouri River and Valley, upper basin, quality of surface waters, 14553  
Missouri River Basin project:  
Minot extension, Garrison Diversion unit, N. Dak., construct, operate, and maintain—  
hearing, 13742  
reports, 13435, 13473  
Narrows unit, construct, operate, and maintain, reports, 13477, 13446  
Riverton extension unit, authorize and include Riverton reclamation project, reports, 13431, 13469  
Mitchell, George W., remarks, Aug. 12, 1970, 14391  
Mitchell, Lloyd V., variability of monthly mean zonal wind, 30-60 km, 13022  
Mitchell County, Iowa, community profile, 14103  
Mitchell County, N.C., community profile, 14104  
Mobile Bay, Ala., pollution of navigable waters, conference proceedings, 14402  
Mobile County, Ala., community profile, 14105  
Mobile home courts, *see* Trailer parks.  
Mobile homes, *see* Trailers.  
Mobile trade fairs, hearings, 13535  
Model cities, *see* Cities and towns.  
Model Reporting Area for Blindness Statistics, conference proceedings, 14953  
Models (clothing):  
employment outlook, 14679  
Models (structural):  
V/STOL transport model with 6 wing-mounted lift fans, wind-tunnel investigation, 14848  
Modulus of elasticity, *see* Elasticity.  
Mohawk Airlines, Inc., accident report, 15038  
Moisture, cause of blistering, peeling and cracking of house paint, wood finishing, 14458  
Molecules, ion-polar-molecule collisions, computer-made motion pictures and time history plots, 14849

- Mollusks, Tertiary, of Canal Zone and adjoining Panama, 14534  
 Molybdenum, disposal from national stockpile, law, 13398  
 Moments, and reactions of rectangular plates, 15142  
 Money:  
   foreign currencies in custody of United States, report, 12955  
   public assistance money payments to persons aged 65 or over, concurrent receipt, 14937  
 Monographs, *see* names of departments, etc., issuing monographs—*also* subjects.  
 Monona County, Iowa, community profile, 14106  
 Monopolies, antitrust laws, newspapers, exempt certain combinations and arrangements necessary for survival, law, 13328  
 Monroe County, Ala., community profile, 14107  
 Monroe County, Iowa, community profile, 14108  
 Monroe County, N.Y., community profile, 14109  
 Monroe County, Ohio, community profile, 14110  
 Monroe County, Tenn., appraisal of potentials for outdoor recreational development, 15187  
 Montana:  
   agricultural stabilization and conservation service, annual report, 12971  
   non-game birds, ways to attract, 15248  
 Monte Carlo method, trimmed mean detector for nonchoreoid distributions, 15069  
 Monte Vista National Wildlife Refuge, birds, list, 15274  
 Monterey County, Calif., geology of Sycamore Flat and Palaise Springs quadrangles, 14529  
 Montero, Amalia, P., relief, 13265, 13598  
 Montgomery County, Ala., community profile, 14111  
 Montgomery County, Iowa, community profile, 14112  
 Montgomery County, N.C., community profile, 14113  
 Montgomery County, N.Y., community profile, 14114  
 Montgomery County, Ohio, community profile, 14115  
 Montgomery County, Tenn., appraisal of potentials for outdoor recreational development, 15188  
 Montoya, Jose G. E., *see* Esparza-Montoya, Jose G.  
 Moody, R. C., tensile strength of finger joints of pith-associated and non-pith-associated southern pine 2 by 6's, 14469  
 Moody, W. T., moments and reactions for rectangular plates, 15142  
 Moody County, S. Dak., community profile, 14116  
 Moon:  
   lunar beacons used in lunar orbit estimation, 14865  
   moon and man and mail, 1st man on moon, 10c air mail envelope with die, general information, 15111  
   perturbation theory based on Lie transforms and its application to stability of motion near sun-perturbed earth-moon triangular libration points, 14825  
 Moore, Elbert C., relief, 13263, 13592  
 Moore, Royce D., effect of blade leading edge thickness on cavitation performance of 80.6° helical inducer in hydrogen, 14853  
 Moore, Thomas J., solid-state welding of TD-nickel bar, 14867  
 Moore County, Tenn., appraisal of potentials for outdoor recreational development, 15189  
 Moosehorn National Wildlife Refuge, birds, list, 15272  
 Morgan County, Ala., community profile, 14117  
 Morgan County, Ohio, community profile, 14118  
 Morison, Elting R., war of ideas, United States Navy 1870-90, 13009  
 Morning, William H., relief, 13579  
 Morocco:  
   air transport services, agreement, 15311  
   mineral industry, minerals yearbook chapter, 14786  
 Morrow County, Ohio, community profile, 14119  
 Mort, Kenneth W., full-scale wind-tunnel investigation of aerodynamic characteristics of X-24A lifting body aircraft, 14874  
 Mortar, Portland cement, early strength development, exploratory studies, 14914  
 Morton County, N. Dak., community profile, 14120  
 Mortality, *see* Death.  
 Mortgage Insurance, FHA, project, FHA regulations, amendments, 14369  
 Mortgages:  
   Emergency home finance act of 1970—law, 13326  
   report, 13407  
 Mosaics:  
   mosaic parquet hardwood slat flooring, voluntary product standard, 14930  
   mosaic work, special trade contractors, census of construction industry, 1967, statistics, 13129  
 Moses Lake, Wash., aircraft accident, 15037  
 Moskowitz, Ronald, leaving drug world behind, 14276  
 Motion pictures:  
   civil defense in time of emergency, 13190  
   computer-made motion pictures and time history plots of ion-polar-molecule collisions, 14849  
   for all the people, Harry S. Truman Library, films, etc., 14905  
 Motor ability, *see* Ability.  
 Motor fuel:  
   aircraft and automotive fuels, storage, distribution, and dispensing, technical, manual, 13057  
   taxation, airway user charges, increase, summary of Senate amendments, 13554  
   *see also* Gasoline.  
 Motor skills, *see* Ability.  
 Motor vehicle accidents:  
   automobile personal injury claims, 15355  
   appendix, 15356  
   fatal accidents on interstate system, 15132  
   investigations—  
   auto/auto, 15001  
   auto/auto/auto/auto-rear-end, 14993  
   auto/auto-front/end/leftside, 15000  
   car/car-front/side, 14995-996, 14998  
   car/car-2 fixed object-front/side, 14997  
   car/horse fatality, 15004  
   car-off road, rollover, 14968  
   car-parked car-rear end/front end collision, 14986  
   car-train collision, 14973  
   car/tree, 15002  
   car/trees, rollover, 14987  
   car/truck collision, fire, 14989  
   car-turnover, 14994  
   Doepp Crockett Hauling, 14804  
   fixed object impact, 14983, 15003  
   head on collision, 14965, 14980  
   intersection collision, 14985  
   median crossover, multi vehicle collision, 14981  
   motor vehicle collision, fixed object impact, 15005  
   pickup truck-fixed object impact, 14967  
   rear end collision, 14977, 14984, 14990  
   single car-fixed object, 14999  
   single vehicle, penetration of guardrail, 14991  
   single vehicle rollover, 14975

# INDEX

- Motor vehicle accidents—Continued investigations—continued
  - T-intersection collision, 14976
  - Tamiami Trail Tours, Inc., 14802
  - three car rear end collision, 14962
  - three vehicle intersection collision, 14974
  - three vehicle Intersection collision-roll over fire, 14961
  - tire explosion, 14978
  - train to car collision, 14982
  - train versus automobile collision at intersection/railroad crossing, 14969
  - truck-car intersection collision, 14963
  - two car collision, icy pavement, 14992
  - two-car intersection collision, 14964
  - two car intersection rollover, 14988
  - two vehicle intersection collision, 14966, 14979
  - vehicle impact with fixed object, 14970-972
  - motor carrier accident investigation report, 14802-804
  - multidisciplinary accident investigations, DOT HS series, 14961-15005
  - rehabilitation of auto accident victims, 15360
- Motor vehicle operators:
  - alcohol safety countermeasures program, 14957
  - driving occupations, trucks, bus and taxi drivers, routemen, employment outlook, 14709
- Motor vehicles:
  - and parts manufacturing, earnings of production workers, 14742
  - Federal safety standards and regulations, with amendments and interpretations, supplement, 14959
  - motor vehicle assigned risk plans, report, 15359
  - motor vehicles and equipment manufacturing, employment, outlook, 14721
  - passenger, systems and equipment, purchase over statutory price limitation, allow, report, 13443
  - safety standards, roles of General Services Administration and Transportation Department, special study, 15043
- Motorbuses, Coast Guard Auxiliary examination program, courtesy examiners handbook, 13214
- Motorbus drivers, intercity and local bus drivers, employment outlook, 14709
- Motorbuses, Tamiami Trail Tours, Inc., accident, Jan. 6, 1970, Sasser, Ga., investigation, 14802
- Motors, linear induction motor test vehicle, stability and dynamic response, study 14384
- see also Electric motors.
- Motortruck drivers:
  - local truckdrivers and helpers, union wages and hours, errata, 14739
  - over-the-road and local, truckdrivers, employment outlook, 14709
- Mountain pine beetles, see Beetles.
- Mountain County, N. Dak., community profile, 14121
- Mourning doves, hunting, possession, transportation, importation, 1970-71, Federal regulations governing, 15276
- Mouth, oral cytology, atlas, 15148
- Moyer, Forrest T., injury experience in non-metallic mineral industries, 14778
- Mozambique, see Portuguese East Africa.
- MRA, see Model Reporting Area for Blindness Statistics.
- Mulch farming, see Mulching.
- Mulching:
  - mulch tillage in Corn Belt, 15220
  - mulching for erosion control on newly shaped slopes, 15221
- Muller, Omer W., on-site radiological safety report, 13081
- Multidisciplinary accident investigations, DOT HS series, 14961-15005
- Multipliers, sector income and employment multipliers, their interactions on national economy, 13008
- Multnomah County, Oreg., McKay-Rock Creek Watershed, watershed work plan, 15244
- Mulvihill, Donald J., crimes of violence, 15119-120
- Municipalities, see Cities and towns.
- Murphy, Mary K., success in early counseling, 14276
- Murphy, Robert T., address, August 25, 1970, 13186
- Muscatine County, Iowa, community profile, 14122
- Museums, aerospace museum, feasibility study, hearings, 13542
- Music, retail music store, starting and managing, 15159
- Muskingum County, Ohio, community profile, 14123
- Mutual funds, see Investment companies.
- Myeloproliferative disorders in man and animals, 13066
- Myers, Gary C., measuring shrinkage in hand-sheets during drying, 14465
- Myers, Robert J.:
  - actuarial cost estimates for hospital insurance program, 15167
  - comparison of actual experience under OASDHI system with short-range cost estimates, 15186
  - hospital utilization and average daily costs as indicated by data from hospital insurance program and American Hospital Association, 15165
  - mortality of aged before and after medicare, 15164

## N

- N.A.S.A., see National Aeronautics and Space Administration.
- N.B.S., see National Bureau of Standards.
- Nagel, William, foreign trade regulations, 13230
- Narcotics:
  - and drug education, grades K-12, Flagstaff Public Schools, Flagstaff, Ariz., 14945
  - laws, amend, hearings, 13550
- Narrowband, see Bandwidth.
- Narrows unit, see Missouri River Basin project.
- NASA, see National Aeronautics and Space Administration.
- Nash, Peter G., nomination, hearings, 13754
- Nassau County, N.Y., community profile, 14124
- Nassikins, John N., reappointment, hearing, 13719
- Natick Laboratories, Natick, Mass., technical reports, 13041-47
- National Academy of Public Administration, technology assessment system for Executive Branch, report, 13543
- National Advisory Council on Services and Facilities for Developmentally Disabled, establish, report, 13411
- National Advisory Council on Vocational Education, cooperative day of planning report on joint meeting of State and national level, 14806
- National Aeronautics and Space Administration:
  - aerospace museum, feasibility study, hearings, 13542
  - appropriations, 1971, authorization, law, 13305
  - contractor procurement system reviews, improving effectiveness, GAO report, 14507
  - contractor report CR (series), 14807-835

National Aeronautics and Space Administration—Continued  
 EP series, 14836  
 Improved accounting control over equipment at Kennedy Space Center, GAO report, 14500  
 NASA-University Conference on Manual Control, papers, 14838  
 scientific and technical reports and publications for 1969, selected listing, 14843  
 Secretary of Transportation, to serve as member, report, 13417  
 semiannual report—  
     departmental edition, 14900  
     document edition, 13357  
 SP series, 14837-844  
 technical notes, 14845-891  
 technical reports, 14892-895  
 technical translations, 14896-898  
 National Air Pollution Control Administration:  
     publication AP series, 14902  
     publication APTD series, 14903  
 National Archives:  
     inventory series, 14908  
     microfilm publications, pamphlet accompanying, 14909-913  
     records of Marine Corps, 14908  
     slides, list, 14906  
 National Archives and Records Service, general information leaflets, 14906  
 National Aviation Facilities Experiment Center, Atlantic City, N.J., report NA series, 14360-361  
 National aviation system planning review conference, Apr. 14-17, 1970, summary report, 14362  
 National Bureau of Standards:  
     special publications, 14921-923  
     standard reference materials, catalog and price list, supplement, 14921  
     technical notes, 14924-927  
 National Cancer Institute, research reports, 14932  
 National Capital Planning Commission:  
     appropriations, 1971—  
         law, 13335  
         report, 13645  
 National cemeteries, expenses, appropriations, 1971, report, 13697  
 National Center for Health Services Research and Development, Report NCHS-RD (series), 14933  
 National Clown Week, designate, report, 13698  
 National Commission on Consumer Finance, final report, extend reporting date, law, 13319  
 National Commission on Libraries and Information Science, establish, law, 13320  
 National Commission on Reform of Federal Criminal Laws, new Federal criminal code, study draft and working papers, 14949  
 National Council on Indian Opportunity:  
     appropriations, 1971—  
         law, 13335  
         report, 13645  
 National Council on Marine Resources and Engineering Development, extend, reports, 13456, 13656  
 National Credit Union Administration:  
     appropriations, 1971—  
         report, 13426  
     waiving points of order, report, 13429  
 National Credit Union Share Insurance Fund, create, report, 13703  
 National defense, agreement with Argentina, 15315  
 National economy, *see* Economic conditions.  
 National electric rate book, 14376-378  
 National Environmental Satellite Center, ESSA technical report, NESC series, 14346  
 National Forest Reservation Commission, annual report, print as Senate document, report, 13627

National forests:  
     fire report, 14452  
     Pacific Northwest, 1969 report, 14453  
     protection and management, contracts for procurement of aerial facilities and services, renewal report, 13418  
     timber sale accomplishments, 1969 fiscal year, 14451  
 National Foundation on the Arts and the Humanities:  
     act of 1965, amend law, 13321  
     appropriations, 1971—  
         law, 13335  
         report, 13645  
 National General Corporation, conglomerate corporation investigation, hearings, 13532  
 National Guard:  
     Army, register, 14956  
     trophies, Eisenhower trophy to outstanding unit of company size, announcement of winners, pamphlet, 14955  
 National Guard Bureau:  
     annual report, 14954  
     pamphlet, 14955  
 National health insurance comparison of 5 proposals, 15170  
 National health survey, vital and health statistics, 14934-936  
 National Institute for Prevention and Control of Alcohol Abuse and Alcoholism, establish, report, 13677  
 National Institute of Arthritis and Metabolic Diseases artificial kidney program, 3d annual contractors conference, proceedings, 15008  
 National Institute of Law Enforcement and Criminal Justice, need to know, general information, 14651  
 National Institute of Mental Health, posters, 15011, 15014-16, 15018-20  
 National Institutes of Research and Advanced Studies, recommendation for centralization of Federal science responsibilities, subcommittee report, 13540  
 National Key Deer Refuge, birds, list, 15273  
 National Labor Relations Board:  
     appropriations, 1971—  
         report, 13426  
     waiving points of order, report, 13429  
     congressional oversight, report, 13745  
     decisions digest, supplement, 15022  
 National Library of Medicine, MEDLARS services, guide, 15023  
 National Mediation Board:  
     appropriations, 1971—  
         report, 13426  
     waiving points of order, report, 13429  
     national monuments and memorials, *see* names of monuments or memorials.  
 National Museum:  
     act of 1966, amend, report, 13680  
     publications, price list, 15127  
 National Oceanic and Atmospheric Administration, establish, message from the President, 13371  
 National Oceanographic Instrumentation Center, instrument fact sheets, index, 15047  
 National Park Service:  
     administrative policies for management, reports, 13409, 13660  
     volunteers in park program, establish—  
         law, 13332  
         report, 13659  
     Volunteers in parks act of 1969, law, 13352  
 National Parks:  
     administrative policies, reports, 13409, 13660  
     living history in national park system, 15033  
     *see also* names of parks.  
 National Parks Centennial Commission, establish, law, 13307  
 National Parks Centennial Year, designate 1972, law, 13307

# INDEX

- National reference list of water quality stations, 1970 water year, 14532
- National Science Foundation:  
appropriations, 1971, authorization, law, 13331  
Sea-grant college and program act of 1966, amend—  
law, 13324  
report, 13655
- National securities exchanges, registered brokers and dealers and members, insure to protect customers, hearings, 13715
- National security:  
Cuba and Caribbean region, U.S. security posture, hearings, 13510  
Japan and Okinawa, U.S. security agreements and commitments abroad, hearings, 13735
- National service life insurance, *see* Life insurance.
- National standard reference data system, status report, 14027
- National Tourism Resources Review Commission, establish, report, 13419
- National Transportation Safety Board, safety trends for the seventies (address), 15042
- National Water Commission:  
appropriations, 1971—  
hearings, 13709  
report, 13697
- Nationality, laws, administrative decisions, indexes, 14585-587
- Natural gas, *see* Gas.
- Natural History Museum, illustrated Paleozoic plant specimens, catalog, 15160
- Natural resources:  
An Giang Province, Vietnam, resources inventory, 14301
- Appalachia, special districts, review of enabling laws, 14271
- California's resources, tomorrow's challenge, what's ahead for our land and people, 15193
- conservation information series, 15196
- conservation irrigation guide for design of sprinkler irrigation systems for south Georgia coastal plain, 15197
- conservation vs. pollution, 15201
- fish versus culverts, considerations for resource managers, 14431
- Louisiana's conservation needs inventory, 15219
- potentials for outdoor recreational development appraisal—  
Blount County, Tenn., 15177  
Bradley County, Tenn., 15178  
Carter County, Okla., 15176  
Chalborne County, Tenn., 15179  
Coffee County, Tenn., 15180  
Crockett County, Tenn., 15181  
Decatur County, Tenn., 15182  
Gilson, County, Tenn., 15183  
Hardin, County, Tenn., 15184  
Jefferson County, Tenn., 15185  
Lake County, Tenn., 15186  
Monroe County, Tenn., 15187  
Montgomery County, Tenn., 15188  
Polk County, Tenn., 15190  
Talladega County, Ala., 15240  
Unicoi County, Tenn., 15191
- resource bulletins, 14482-485
- resource data on sale for land use planning and community development of Creswell area, Oreg., 15228
- resources and conservation development projects, cost-sharing grants, law, 13318
- secondary impacts of public investment, proceedings of symposium, 12997
- Nautical charts, *see* Maps and charts.
- Navajo Indian project, additional lands, acquire, report, 13472
- Naval history, United States Navy, 1870-90, war of ideas, 13009
- Naval Medical Field Research Laboratory, reports, 14761-762
- Naval Oceanographic Instrumentation Center, instrument fact sheet IFS series, 15047-50
- Naval Oceanographic Office:  
informal report IR series, 15044-46  
publications, 15051-55
- Naval officers, *see* Navy.
- Naval Research Laboratory:  
iodine filter tests at NRL nuclear reactor, 15078
- Microwave Space Research Facility—  
computer system hardware for data acquisition and control of 60-ft. X-band microwave antenna, 15090  
operating procedures of computer control system for 60-ft. X-band antenna, 15092
- report series, 15060-96
- Naval Ship Research and Development Center, reports, 15097
- Naval Submarine Medical Center, reports, 14765-766
- Naval vessels, *see* Ships.
- Navigation:  
global navigation and traffic control using satellites, 14895
- Transportation Department national plan, 15363
- see also* Air navigation.
- Navigators, F-4 2d-seat crewmembers, proficiency differences between pilot and navigator, southeast Asia evaluation, 13011
- Navy:  
chaplains bulletin, 15059
- CVAN-70 aircraft carrier, study, subcommittee report, 13713
- naval enlistees serving as medical specialists, military effectiveness, 14764
- Navy alrmen enlistees, military effectiveness, 14763
- officers—  
professional reading guide, 15057  
retired to command U.S.S. Constitution (IX-21), authorize, report, 13691
- safety precautions for shore activities, change, 15100
- special enlisted tours, guidebook, 15098
- survey of procurement statistics, 15056
- United States, 1870-90, war of ideas, 13009
- Navy Department, lease easements and release land, Culebra Island, hearings, 13497
- Navy Medical Neuropsychiatric Research Unit, San Diego, Calif., reports, 14763-764
- NBS, *see* National Bureau of Standards.
- Near East, *see* East (Near East.)
- Nebraska, census of business, retail trade, merchandise line sales, 13111
- Neely, D. Morrison, legal phases of farmer cooperatives, 14354
- Neetz, Roger E., Eastern Europe's agricultural development and trade, 14273
- Negotiation, international, American shortcomings in negotiating with Communist powers, 13738
- Negroes, Black colleges and Federal agencies, 14371
- Nelson, Paul E., farm machinery and equipment industry, changing structure, performance, 12991
- Nelson County, N. Dak., community profile, 14125
- Nephritis, *see* Pyelonephritis.
- Nervous system, neurological and sensory disabilities, estimated numbers and cost, 15021
- Networks, microwave switching schemes and variable power-division networks using phase shifters, review, 15083
- Neurological diseases, *see* Nervous system.

## Nevada:

- census of business, 1967, retail trade, merchandise line sales, 13112
- Lake Tahoe basin, general information, 14556
- Lake Tahoe national lakeshore, establish, study, report, 13465
- probabilities of hot and cool days sequences and hot spells in Markov chain models, 14345
- upper Precambrian and lower Cambrian strata in southern Great Basin, 14535
- New England River Basins Commission, annual report, 13359
- New Federalism, *see* Intergovernmental relations.

## New Hampshire:

- census of business, retail trade, merchandise line sales, 13113
- postal map, 15115
- New Jersey, county business patterns, 13166
- New left, *see* Right and Left (Political science).

## New Mexico:

- apples, marketing order authority, extend, law, 13516
- land conveyance to Cuba Independent Schools and to village of Cuba—law, 13339
- report, 13415

## New York City:

- Continental Congress in City Hall, 1785–88, background and study, 15025
- Merchantile Exchange, potato futures market, extent and price effects of floor trading, 13247
- New York County, N.Y., community profile, 14126

## New York State:

- county business patterns, 13167
- upper, socio-economic characteristics, extent to which portions should be included in either New England or Appalachian region, study, with recommendations, message from the President, 13372
- New York State Education Department, Albany, N.Y., sociological health problems, 14946

- Newcomb, John F., parametric design of interplanetary and orbital trajectories with examples for Mars 1973–77 opportunities, 14880
- Newman, Jerry O., house construction, how to reduce costs, 12952

- News releases, *see* names of departments, etc. issuing releases.
- News reporters, *see* Reporters and reporting.

- Newsom, William A., Jr.: wind-tunnel investigation of V/STOL transport model—four pod-mounted lift fans, 14881
- six wing-mounted lift fans, 14848

## Newspapers:

- combinations and arrangements necessary for survival, exempt from antitrust laws, law, 13328

- Newspaper preservation act, law, 13328

- Nga, Nguyen Tan, *see* Baden, Margarita A.M.

- Nguyen Tan Nga *see* Baden, Margarita A.M.
- Nagara County, N.Y., community profile, 14127

- Nickel, TD-nickel bar, solid-state welding, 14867

- Nichols, Clyde, relief, 13266, 13600

- NILE & CJ, *see* National Institute of Law Enforcement and Criminal Justice.

- 1970 national power survey, advisory reports, 14379

- Nitrogen, fertilizer, supply, 12970

- NLM, *see* National Library of Medicine.

- Noble County, Ohio, community profile, 14128

- Noble fir, *see* Fir.

## Noise:

- acoustic and aerodynamic performance of 6-foot-diameter fan for turbofan engines, 14856

- aircraft, perceived noisiness, possible modifications to calculations, 14831
- characteristics and amplitude stabilization of plasma lasers, investigations, 14826

- Nomograms, *see* Nomography (mathematics).

- Nomography (mathematics):

- nomographs for use in fabrication and testing of Ge(Li) detectors, 14925

- Nonmetallic minerals, *see* Minerals.

- Norman, Leland C., investigation of initial century series ringsall parachute, 14889

- Norris Reservoir, fish inventory data, 13351

- Norrod, Valmer, self-study course in FORTRAN programming, workbook, 14808

## North America:

- Atlantic Coast, tidal current tables, 13208

- geology, bibliography, 14518–519

- Pacific Coast, tidal current tables, 13209

- North American fauna, 15269

- North Carolina, coastal plain, tobacco farms, 1969, costs and returns, 14269

## North Dakota:

- census of business, 1967 retail trade, merchandise line sales, 13114

- Central Dakota Nursing Home, property conveyance, report, 13638

- water resources data, 14546

- Northampton County, N.C., community profile, 14129

## Northeast (U.S.):

- Northeast Corridor, evaluation of navigation, 14361

- Northeast Corridor Transportation Project NECTP (series), 14382

- vener industry, 5-year data on veneer-log production, 14484

- Northeast Corridor Transportation Project: NECTP series, 14382

- report, 14302

- Northedge, Robert L., economic studies and some test results from fog dissipation systems in France, 15341

- Northern Utilization Research and Development Division, fermentation research, publications and patents, 12961

## Northwest (U.S.):

- Douglas-fir region, 1966 timber flows and utilization patterns, 14474

- national forests in Pacific Northwest, 1969 report, 14453

## Pacific Northwest—

- single-span skyline timber volume survey, 14486

- water reports by Geological Survey, 14533

## Norway:

- economic trends and their implications for United States, 14631

- lights and fog signals, 15054

NSLI, *see* Life insurance.

- Nuclear energy, *see* Atomic energy.

## Nuclear explosions:

- cratering and contained events, contribution to analysis of seismic data, Project Schooner, 13078

- nuclear cratering defonations, lidar observations of debris clouds, Project Buggy, 13085

- Rullson subsurface nuclear blast vibration effects on Vega Dam, 15147

- Nuclear explosives, *see* Atomic blasting.

- Nuclear fuel, *see* Fuel—Reactor fuel.

- Nuclear power, *see* Atomic energy.

- Nuclear reactions, p-p and p-t final state interactions in reaction  $^3\text{He}(\text{d},\text{tp})\text{p}$ , 14870

- see also* Nuclei.

- Nuclear reactors, *see* Reactors (atomic).

- Nuclear weapons, *see* Weapons.

- Nuclei, light nuclei, interaction with intermediate energy protons, 14888

- Nucleus, *see* Nuclei.

## INDEX

Numerical calculations:  
 angular scattering functions for spherical water droplets, computational procedure, 15062  
 calculation procedure for heat transfer to gas-solid suspension from externally heated tube, 14775  
 computation of state transition matrix, application of Brouwer's artificial satellite theory, 14875  
 computation standards for engineering work, 15195  
 inverse-method solution for radiating, nonadiabatic, equilibrium inviscid flow over blunt bodies, 14863  
 methods for calculating and analyzing interrogation repetition frequency sets, nonsynchronous for a interrogations, 15081  
 perceived noisiness, possible modifications to calculation, 14831  
 theoretical LF, VLF field calculations with spherical wave functions of integer order, 14348  
 Nurses and nursing, nursing personnel in hospitals, 14570  
 Nursing homes, providing care and prescribed drugs under medicare program in California, continuing problems. Social and Rehabilitation Service, GAO report, 14497  
 Nutrition, nutrition and human needs, national survey, hearings, 13756  
 Nutrition and Human Needs, Select Committee on, Senate, hearings, 13756  
 Nuts (machinery), *see* Bolts and nuts.

### O

OASDHI, *see* Old-age, survivors, disability, and health insurance.  
 OBR series, 13219-230  
 O'Brien, Keran, calculation of dose and dose-equivalent rates to man in atmosphere from galactic cosmic-rays, 13073  
 O'Brien, Muriel J., bibliography of potato diseases through 1945, with common and scientific names, 12995  
 O'Brien County, Iowa, community profile, 14130  
 Obscene matter:  
 antiobscenity legislation—  
   hearings, 13530  
   to restrict dissemination of sexually-oriented materials, hearings, 13530  
   prohibit transportation by interstate facilities and including mails, report, 13439  
 O'Callaghan, Donal N., relief, 13582  
 Occupational classification, *see* Occupations.  
 Occupational wage surveys, *see* Wages.  
 Occupations:  
   career opportunities—  
     Interior Department, directory for college students, 14592  
     internal auditor, 14609  
     Internal Revenue Service, revenue agent, 14615  
     veterans in Federal service, 13201  
   Federal blue-collar workers, 13202  
   highway planner, in FHWA, steps toward career growth program, committee report, 15133  
   job grading standard, civil service—  
     leader, 13198  
     supervisors, 13199  
   occupational employment statistics, 14667  
   occupational job requirements, forecasting, 14653  
   occupational safety aid, OSA LS series, 14658  
   *see also* names of occupations.  
 Ocean:  
   acoustic sea bed reflectivity from a submersible submarine, 15046  
   suboceanic lands policy, United Nations special study, hearings, 13725  
   *see also* Sea ice.

Oceanographers, employment outlook, 14673  
 Oceanography:  
   Marine resources and engineering development act of 1966, amend—  
     law, 13324  
     reports, 13456, 13655-656  
   model GDR-1C-19-T Gift depth recorder, instrument fact sheet, 15050  
   model OSR-19T oceanographic survey recorder, instrument fact sheet, 15048  
   model RS7-B portable induction salinometer, instrument fact sheet, 15049  
   National Oceanographic Instrumentation Center, instrument fact sheets, Index, 15047  
   oceanographic cruise summary, Panama City, Fla., 15045  
   oceanographic data transmission system using HF radio, basis and application of simulation model, 14350  
   oceanographic investigation, Cay Sal Bank, Bahama Islands, 14347  
   oceanographic report, 13215  
   Sea-grant college and program act of 1966, amend—  
     law, 13324  
     report, 13655  
   tides, storm surges, waves, and breakers, oceanographic phenomena, summary of selected reference material, 14343  
   Weddell Sea, Coast Guard report, 13215  
 Offenses, *see* Crime and criminals.  
 Office machine operators, employment outlook, 14686  
 Officer candidate schools, Marine Corps officer training, effects on serum uric acid levels, 14762  
 Officers, *see* names of services to which officers belong.  
 Ohio:  
   apples, marketing order authority, extend, law, 13316  
   census of business, retail trade, merchandise line sales, 13115  
   county business patterns, 13168  
   electric rate book, 14377  
   timber resources, 14483  
   women, labor laws, summary, 15390  
 Ohio Northern University, 100th anniversary of founding, commemorative medals, report, 13675  
 Oil, *see* Petroleum.  
 Oil pollution of rivers, harbors, etc., *see* Water pollution.  
 Oil tagging system study, 14412  
 Okaloosa County Board of Public Instruction:  
   real property conveyance to—  
     law, 13322  
     report, 13652  
 Okinawa:  
   preparatory measures for transfer of administrative rights, agreement with Japan, 15301  
   U.S. security agreements and commitments abroad, hearings, 13735  
 Oklahoma, wilderness, designate certain lands, hearing, 13743  
 Old-age, survivors, and disability insurance:  
   cash benefits to persons aged 65 or over, 1948-70 and Feb. 1970, concurrent receipt, 14937  
   increase benefits, etc., social security amendments of 1970, brief summary, 13549  
 Old-age, survivors, disability, and health insurance, comparison of actual experience under OASDHI system with short-range cost estimates, 15166  
 Older persons, *see* Aged.  
 Olinger, Arthur J., relief, 13388, 13392  
 Oliver County, N. Dak., community profile, 14131  
 Olsen, Robert, evaluation of inflatable falling sphere density data, 13039

## Olson, Douglas G.:

analysis of complaints in selected automobile insurance markets, advisory report, 15354

Insolvencies among automobile insurers, advisory report, 15358

Olson, Wayne L., extent and price effects of floor trading in New York Mercantile Exchange potato futures market, 13247

Olszewski, George J., Franklin Park, Washington, D.C., 15026

Olympic National Forest, 1969 report, 14454

Oncorhynchus, *see* Salmon.

Oneida County, N.Y., community profile, 14132

Onondaga County, N.Y., community profile, 14133

Onslow County, N.C., community profile, 14134

Ontario County, N.Y., community profile, 14135

Operating engineers, construction, employment outlook, 14702

Operation Deep Freeze, *see* Antarctic regions.

Opportunities in Federal service for veterans, 13201

Optical equipment, *see* Optical instruments and apparatus.

Optical instruments and apparatus:

Industrial plant equipment handbook, 13778

optical telescope technology, workshop symposium, 14840

Optical mechanics, *see* Mechanics (person).

Optical radar, *see* Radar.

Opticians, dispensing, employment outlook, 14708

Optics, active optics concept, development using thin deformable mirror, 14818

Optimization, self-acting thrust bearings for load capacity and stiffness, 14886

Optometry, health training improvement act of 1970, report, 13651

Oral health, *see* Mouth.

Orange County, N.C., community profile, 14136

Orange County, N.Y., community profile, 14137

Orbits:

Brouwer's artificial satellite theory application to computation of state transition matrix, 14875

interplanetary and orbital trajectories parametric design, with examples for 1973-77 opportunities, 14880

lunar beacons used in lunar orbit estimation, 14865

Ordinance, *see* Cartridges.

Oregon, census of business, retail trade, merchandise line sales, 13116

Ores, *see* names of metals or minerals.

Organic compounds, synthetic organic chemicals, production and sales, pesticides and related products, 15347

Organization analysis, *see* Job analysis.

Organizations:

Spanish speaking, in U.S., directory, 13095

statewide community organization for aged, project report, 12959

subversive, investigation, hearings, 13747

Organochlorines, organochlorine insecticides acute toxicities to estuarine fishes,

Organophosphorous compounds, organophosphorous insecticides acute toxicities to estuarine fishes,

Orifices (aircraft), *see* Jets.

Orleans County, N.Y., community profile, 14138

Ornamentation, *see* Decoration and ornament.

ORO, *see* Regional Operations Office.

Osceola County, Iowa, community profile, 14139

Osmosis, reverse osmosis process treatment of acid, mine drainage, 14411

Osteopathy, health training improvement act of 1970; report, 13651

Oswego County, N.Y., community profile, 14140

Otsego County, N.Y., community profile, 14141

Ottawa County, Ohio, community profile, 14142

Ouachita region, Ark., forest statistics, 14485

Outdoor recreation, *see* Recreation.

Outer space:

America in space, first decade aeronautics, 14836

scientific and technical aerospace reports, semiannual indexes, 14899

space geodesy altimetry, pulse compression radar study, 14822

space research program, agreement with Australia, 15329

Outlying possessions, Federal general data standard, representations and code, 14917

Overseas service, Federal jobs overseas, 13200

Overseas business reports, 13219-230

Owls:

conservation—

Arizona, 15199

Wyoming, 15200

Oxidation, thermal, high polymers, literature survey, 13814

Oxygen, impact on cooked freeze dried combination meats, items, 13047

Oxygen cutters, employment outlook, 14714

## P

PA series, 12998-13000

PACAF basic bibliographies, 13026-29

Pacific area:

need for improving program for use and redistribution of excess materiel, Defense Dept., GAO report, 14506

PACAF basic bibliographies, 13026-29

Pacific Coast:

marine weather services chart, Mexican border, Point Conception, Calif., 15388

North America and Asia, tidal current tables, 13209

saury, Cololabis, salra, annotated references, list, 13244

Pacific Crest National Scenic Trail, Oreg., general information, 14456

Pacific Islands, sailing directions, change, 15052

Pacific Northwest, *see* Northwest (U.S.).

Pacific Northwest Forest and Range Experiment Station, publications, list, 14426

Pacific Northwest-Pacific Southwest Intertie, Cello-Mead Transmission Line project assurances needed that cost will be recovered, GAO report, 14493

Pacific Northwest River Basins Commission, annual report, 13359

Pacific Ocean:

central and western, tide tables, 13210

eastern, sea otter, general information, 15269

tropical, crown of thorns starfish, control program, report, 13468

western, lights and fog signals, list, 15053

Packaging:

child-resistant, to protect from injury etc., or ingesting any hazardous substance, provide hearing, 13527

flexible package seal defects, infrared radiometric microscope used in non-destructive determination, 13041

insect-resistant, 1913-69, bibliography, 12960

*see also* Packing.

Packing, wrapping and packaging machinery, Federal item identification guide, 13300

Pada, multilayer corrugated fiberboard, cushioning performance, 14468

## INDEX

- Page, Ariz., development plan, prepared for people of community, 15141
- Page County, Iowa, community profile, 14143
- Paige, Jack L., sorption of  $SO_2$  and regeneration of alkalis alumina in fluidized bed reactors, 14792
- PAIGH, *see* Pan American Institute of Geography and History.
- Paint:
- and allied products, census of manufactures, 1967, industry statistics, 15150
  - cracking, peeling and blistering, from moisture, wood finishing, 14458
  - Lead-based paint elimination act of 1970, hearings, 13502
- Paint Creek, watershed work plan, Harper County, Okla., 15250
- Painters, automobile, employment outlook, 14704
- Painting, special trade contractors, census of construction industry, 1967, statistics, 13125
- Paints, *see* Paint.
- Pakistan:
- cotton textiles, trade, agreement, 15316
  - economy, basic data, 13224
  - mineral industry, minerals yearbook chapter, 14787
- Palanquin project, *see* Project Palanquin (plowshare program).
- Paleobiology, Smithsonian contributions to paleobiology, 15160
- Paleontology, *see* Fossils.
- Paleozoic period, illustrated plant specimens, in National Museum of Natural History, catalog, 15160
- Pallets (materials handling):
- palletized and containerized unit loads, military standard, 13804
- Palmy, Clarence D., remarks, June 22, 1970, 13004
- Palmer, James A., nomination, hearing, 13719
- Palo Alto County, Iowa, community profile, 14144
- Pamlico County, N.C., community profile, 14145
- Pa Mong project, lower Mekong River basin, stage 1 feasibility report, appendix, 15143
- Pamphlets, *see* names of departments, etc., issuing pamphlets.
- Pan American Institute of Geography and History, participation of United States, appropriation, authorization, law, 13315
- Panama:
- contribution to history of Panama land bridge (series), 14534
  - geology and paleontology, 14534
- Panama Canal:
- appropriations, 1971—
  - hearings, 13709
  - report, 13697
- Panama City, Fla.:
- Ioran tests, evaluation, 14349
  - oceanographic cruise summary, 15045
- Pancreas, infectious pancreatic necrosis (IPN) virus in certain fish and fish products, approved procedure for determining absence, 15260
- Panels and paneling, simply supported, flat rectangular sandwich panels under biaxial compression, buckling coefficients, 14467
- Pang, Tai Tai, relief, 13612
- Paper, and allied products industries, employment outlook, 14722
- See also* Papermaking and trade—Photographic paper.
- Paper mills, tissue paper mill in Pickens, Miss., case study, rural industrialization, 14266
- Paperhanging, paperhanging, special trade contractors, census of construction industry, 1967, statistics, 13125
- Papermaking and trade, shrinkage in hand-sheets during drying, measuring, 14465
- Parachutes, initial century series ringsail parachute, investigation, 14889
- Paraiso Springs quadrangle, Calif., geology, 14520
- Parameters:
- operating, of alumina columns for selective removal of phosphorus from wastewater, 14406
  - parametric design of interplanetary and orbital trajectories with examples for Mars 1973-77 opportunities, 14880
  - pump performance parameters, analysis of effect of design and measurement errors, 14868
- Parawings, *see* Wings (aircraft).
- Parents, parents of mentally retarded children, selected reading suggestions, 13185
- Parker, Patricia E., maps, a MARC format, 14754
- Parker, Walter L., relief, 13280, 13603
- Parks:
- disposal of surplus Federal property for park and recreational purposes, hearing, 13520
  - land and water conservation fund act of 1965, amend, hearing, 13520
  - see also* Industrial parks—*also* names of parks or places where located.
- Parole, youth offenders, Youth Correction Division to designate examiners to make recommendations, law, 13314
- Partridges:
- chukars, habitat management, 15211
  - gray, habitat management, 15212
- Parts, motor vehicle manufacturing, earnings of production workers, 14742
- Passenger trains, *see* Railroads.
- Passengers, passenger lists of vessels arriving at Baltimore, 1833-66, city lists, pamphlet to accompany microcopy, 14911
- Passports, United States, applications, acceptance at selected post offices, test program, hearings, 13536
- Patent examiners, manual of procedure, change notice, 15103
- Patent Office, trademarks, index, 15102
- Patents:
- and publications on fermentation research, Northern Utilization Research and Development Division, Peoria, Ill., 12961
  - examination procedure, manual, change notice, 15103
  - patent ombudsman approach (address), 15104
- Pathogens, *see* Micro-organisms.
- Patients, short stay hospital utilization by diagnosis, 1965 statistics, 14936
- Patten, Benjamin G., distribution and abundance of fish in Yakima River, Wash., Apr. 1957-May 1958, 13241
- Patton, David R., transmitter for tracking wildlife, 14462
- Paulding County, Ohio, community profile, 14146
- Pay, *see* Wages.
- Pay, allowances, etc.:
- joint uniform military pay system, status of development, Defense Dept., GAO report, 14515
  - uniformed services, compilation, 13496
  - veterans' educational assistance allowance, pay in advance, hearing, 13755
- Payments, public assistance money payments to persons aged 65 or over, concurrent receipt, 14937
- Payne, Lawrence F., relief, 13259, 13585
- Peace Corps:
- act, amend—
  - analysis and Ramseyer rule print, 13515
  - law, 13327
  - appropriations, additional, authorize, analysis and Ramseyer rule print, 13515
  - bi-annual statistical summary, 15105
  - biographic register, 15292
  - volunteers, agreement with Malta, 15332

- Pearce, T. G., study of stability and dynamic response of linear induction test vehicle, 14384
- Pearl Harbor, Utah (U.S.S.) memorial, erection and maintenance, report, 13657
- Pears, how to buy, 12983
- Pecos County, Tex., Sanderson Canyon Watershed, work plan for watershed protection and flood prevention, 15246
- Peery, Kenneth B., oceanographic cruise summary, Panama City, Fla., 15045
- Pellicano, Vicenzo, relief, 13299
- Pembina County, N. Dak., community profile, 14147
- Penaeid shrimps, *see* Shrimps.
- Penalties, illegal fishing in U.S. fishery zone, strengthen, 13487
- Pender County, N.C., community profile, 14148
- Pennington County, S. Dak., community profile, 14149
- Pennsylvania:  
county business patterns, 13169  
electric rate book, 14378  
experimental planting of 14 tree species on authracite strip-mine spoils, 14472  
Potomac Valley Conservancy District, compact, amendments, consent of Congress, report, 13467
- Penobscot County, Maine, Fish Stream watershed work plan, 15252
- Pensacola, Fla., dedication of the port (remarks), 14373
- Pensions:  
veterans disability compensation rates, increase, law, 13343  
welfare and pension plans, statistics, 14656
- People power for children, 14292
- Peoria Tribe of Indians of Oklahoma, members of Confederate Tribes of Weas, Plankashaws, Peorias, and Kaskaskias, judgment funds, disposal, law, 13338
- Perception, perceived noisiness, possible modifications to calculation, 14831
- Performance (psychology):  
aptitude test performance affected by demographic differences, 13012
- Performance tests (engineering, mechanical, etc.):  
aircraft system performance and pilot ratings, relationships, 14833  
deployment and performance characteristics of 5 foot diameter (1.5m) attached inflatable decelerators from Mach 2.2-4.4, 14850  
XB-70 structural mode control system, design and performance analyses, 14810
- Performance tests (human):  
aptitude test performance affected by demographic differences, 13012  
human performance prediction in man-machine systems, technical review, 14823  
performance contracting experiment to determine effectiveness in improving education for disadvantaged, background, 13823  
school achievement of children 6-11 years, as measured by reading and arithmetic subtests of wide range achievement test, 14935
- Perilla Mountain, watershed work plan, Cochise County, Ariz., 15245
- Periodicals, catalog of copyright entries, 13770
- Perk up your grammar, workshop in effective English, 13204
- Perkins County, S. Dak., community profile, 14150
- Permeability, air, studies of lightweight coated fabric subjected to uniaxial tensile loads with and without prior cycling, 14873
- Perquimans County, N.C., community profile, 14151
- Perry, Ellis L., nomination, hearing, 13719
- Perry County, Ala., community profile, 14152
- Perry County, Ohio, community profile, 14153
- Persian Gulf, lights and fog signals, list, 15053
- Personnel administration, *see* Administrative management.
- Personnel management, *see* Administrative management.
- Perturbations, perturbation theory based on Lie transforms and its application to stability of motion near sun-perturbed earth-moon triangular libration points, 14825
- Peru, records of State Department, pamphlet accompanying microcopy, political relations, with other states, 1910-29, 14913
- Pesticides:  
and related products, production and sales, 15347  
pesticide-induced toxicity in an estuarine fish, factors affecting, 15277
- Pests, forest pest leaflets, 14439-446
- Peterson, James T., climate of cities, survey of recent literature, 14902
- Petroleum:  
and natural gas production and processing industry, employment outlook, 14716  
oil exploration leases in Santa Barbara Channel, terminate, message from the President, 13363  
petroleum and tanker utilization, estimated international flow, 15101  
products, survey (series), 14790-791  
*see also* Pipe lines.
- Petroleum refineries:  
investment and operating costs for chemical and petroleum plants, bibliography, 14776  
petroleum refining industry, employment outlook, 14716
- Pfeil, Mary P., it's hard to come back, 14287
- Pharmacies, Health training improvement act of 1970, report, 13651
- Phase shifters, microwave switching schemes and variable power-division networks using phase shifters, review, 15083
- Phased arrays, phase interpolation circuits for scanning phased arrays, 14854
- Pheasants, ring-necked, habitat management, 15215
- Phenomenological and statistical analysis of fracture in polycrystalline aluminum oxide, 14851
- Philippines:  
agricultural commodities, agreement, 15318  
mineral industry, minerals yearbook chapter, 14788  
Veterans Administration regional office, operate and maintain, extend authority, law, 13313
- Phillips, D. H., time and frequency transfer via microwave link, 15096
- Phleger, Charles F., experimental sablefish fishing off San Diego, Calif., 13238
- Phoenix, Ariz., area wage survey, 14732
- Phosphate, fertilizer, supply, 12970
- Phosphoric acid, titrimetric determination of uranium in product, fuel, and scrap materials after ferrous iron reduction in phosphoric acid, 13075
- Phosphorus:  
interrelation with carbon in regulating heterotrophic and autotrophic populations in aquatic ecosystems, 14413  
phosphorus burns treated with copper sulfate, cupric ion absorption through denuded epithelium, 14761  
selective removal from wastewater through use of alumina columns, 14406
- Photoengravers, employment outlook, 14712
- Photographers, employment outlook, 14680

# INDEX

- Photographic apparatus and supplies, sensitized materials, photographic and copying, Federal item identification guide, change, 13791
- Photographic emulsions, *see* Emulsions.
- Photographic laboratories, occupations, employment outlook, 14680
- Photographic paper, sensitized materials, photographic and copying, Federal item identification guide, change, 13791
- Photographs, photographic data used to prepare contour charts for 5 Apollo landing sites, block and strip solutions involving Lunar Orbiter, 14872
- Photography, scientific, Palanquin project, 13079
- see also* Aerial photography.
- Photons, activation analysis using NRL Linac, survey, 15091
- PHS, *see* Public Health Service.
- Physical geography, and military environment in transect of Utah and Colorado Rockies, 13042
- Physical measurements, precision measurement and calibration, electricity-radio frequency, 14922
- Physical science aids, examination announcement, physical science technicians, amendments, 13196
- Physical sciences, *see* Science.
- Physicians, Public Health Service's mental health services career development program in psychiatry, 15012
- Platt, V. E., chemical research in nuclear submarine atmosphere purification, 15073
- Piceance Creek, Colorado, public lands outdoor recreation, map of area, 14748
- Pickens County, Ala., community profile, 14154
- Pickens, Miss., rural industrialization, tissue paper mill, case study, 14266
- Picture story series, 13001
- Pierce County, N. Dak., community profile, 14155
- Pigeons, wild, and white-winged doves, hunting possession, transportation, importation, Federal regulations governing, 15276
- Pile County, Ala., community profile, 14156
- Pilot and pilotage:
- fixed-base visual simulation of obstacle avoidance during terminal descent of advanced Apollo spacecraft with all-flexible parawing, 14879
  - heart rate during in-flight simulated instrument approaches in general aviation aircraft, 13089
- see also* Aviators.
- Pima County, Ariz., land conveyance for recreational purposes, report, 13414
- Pine:
- eastern, annosus root rot, 14444
  - hard, sweetfern rust infection, 14445
  - pith-associated and non-pith-associated southern pine 2 by 6's, tensile strength of finger joints, 14469
- Pintabona, Rosa, relief, 13284, 13361
- Pipe and pipe fittings, hose, pipe and tube fittings, quick disconnect and self-sealing, Federal item identification guide, 13788
- Pipe lines:
- accident report, 15040
  - low pressure natural gas distribution system, Gary, Ind., pipeline accident report, 15040
  - trans-Alaska, construction, appropriations, increase, hearings, 13534
- Pith, pith-associated and non-pith-associated southern pine 2 by 6's, tensile strength of finger joints, 14469
- Pitt County, N.C., community profile, 14157
- Pittsford, N.Y., small businessmen's problems, hearings, 13544
- Placement, college replacement officers, employment outlook, 14677
- Placer Creek project:
- engineers report—departmental edition, 14328
  - document edition, 13366
- Plag, John A.:
- military effectiveness—naval enlistees serving as medical specialists, 14764
  - Navy airmen enlistees, 14763
- Plains of Reeds, *see* Reeds, Plain of.
- Planagan, Albert J., establishing business in Saudi Arabia, 13228
- Planets, *see* names of planets.
- Plane coordinates, *see* Coordinates.
- Plane stress, *see* Strains and stresses.
- Planning:
- highway planner in FHWA, steps toward career growth program, committee report, 15133
  - housing planning information series, 15374-376
  - housing planning notes, 15375-376
  - land use planning and community development, resource data on soils, Creswell area, Oreg., 15228
  - model cities continued planning and evaluation, sample work plan for first work year, 14580
  - national aviation system planning review conference, summary report, 14362
  - national transportation planning manual, 1970-90, general instructions, 15364
- Plant diseases, *see* Disease of plants.
- Plant Materials Center, Coffeeville, Miss., annual report, 15223
- Plant Materials Center, Corvallis, Oreg., general information, 15202
- Plant Protection Division, Western Region, cooperative programs, 12965
- Plantations, sycamore, establishment and early care, 14481
- Planting, critical area stabilization, guide for landowner in urban areas, western Washington, 15203
- see also* Forest planting.
- Plants:
- flora and fauna of basin in central Florida Bay, 13242
  - illustrated Paleozoic specimens in National Museum of Natural History, catalog, 15160
  - plant materials annual report of field plantings, Arkansas, 15222
- Plants (industrial):
- defense industrial plant equipment center operations, DSA manual, change, 13779
  - desalting plants, conceptual designs for outfall systems, 14594
  - equipment handbooks—driers, dehydrators, and anhydrators, 13777
  - scales, balances, and optical instruments, 13778
  - manufacturing plants, apprenticeship schedules, 13034
  - small manufacturing plants, traffic patterns, commodity transportation survey, 13156
- see also* Petroleum refineries—  
*also* names of industrial plants.
- Plasma, lasers, noise characteristics and amplitude stabilization, investigation, 14826
- PLASTEC notes, 13814
- Plasterers, employment outlook, 14697
- Plastering, special trade contractors, census of construction industry, 1967, statistics, 13128
- Plastics, PLASTEC notes, 13814
- Plates:
- Federal item identification guide, 13780
  - flat, with deflected trailing edge flap, heat-transfer measurements at Mach 8 with transition effects included, 14861
  - heat transfer and pressure over plate at Mach 8.0, two-dimensional sinusoidal waves effects, 14876

## Plates—Continued

- rectangular moments and reactions, 15142  
thin, stress concentration due to hyperboloid cavity, 14887
- Platt, John D. R., Continental Congress in New York City Hall, 1785-88, background and evaluation study, 15025
- Pleasant Valley Canal, change name to Coalingua Canal, law, 13311
- Plotting boards and plotting:  
cross-sectional plots of plane intersections, adaptation of APT system, 15072  
time history plots of ion-polar-molecule collisions, computer made motion pictures, 14849
- Plowshare program (civil, industrial, and scientific uses of nuclear explosives):  
Project Buggy, special cloud content study, 13077  
reports, 13078-82, 13085
- Plugs:  
Federal item identification guide, 13781  
polytetrafluoroethylene, glass stopcocks with, voluntary product standard, 14931
- Pluhowski, Edward J., urbanization and its effects on temperature of streams on Long Island, N.Y., 14536
- Plumbing, special trade contractors, census of construction industry, 1967, statistics, 13124
- Plymouth County, Iowa, community profile, 14158
- Pocahontas County, Iowa, community profile, 14159
- Pocatello, Idaho:  
floods, 14323  
Portneuf River and tributaries, flood plain information, 14316
- Pocket guide, Japan, 14590
- Poehlein, Robert L., relief, 13621
- Poisoning, ion exchange materials by surface active ions, 14599
- Poisonous and venomous marine animals of world, 13815
- Poisons:  
acute toxicities of organochlorine and organophosphorous insecticides to estuarine fishes, 15277  
new candidate materials as toxicants, repellents, and attractants against stored-product insects, preliminary evaluation, 12989  
poison control statistics, 14423  
Poison prevention packaging act, hearing, 13527
- Pokeberry, germinating pokeberry seed (*Phytolacca americana* L.), 14459
- Poland, fisheries, Middle Atlantic Ocean, western region, agreement, 15322
- Polar regions, *see* Arctic regions.
- Polarization (radio):  
predetection polarization diversity combiner, 14891
- Police:  
and State police officers, employment outlook, 14694  
District of Columbia, salaries, increase, law, 13304  
Government Printing Office, special policemen, designate—  
law, 13333  
report, 13663
- Political activity, *see* Politics.
- Political campaigns, *see* Elections.
- Political corruption, Federal corrupt practices act of 1925, amend, report, 13662
- Politics:  
Hatch political activities act of 1939, amend, report, 13662  
political broadcasting, revise provisions, report, 13436
- Polk County, Iowa, community profile, 14160

Polk County, Tenn., appraisal of potentials for outdoor recreational development, 15190

Pollution of air, *see* Air pollution.

Pollution of streams, *see* Water pollution.

Pollution of water, *see* Water pollution.

Polymers and polymerization:

- concrete-polymer materials, topical report, 13065  
evaluation of concrete and related materials for desalination plants, 15144  
high polymers, thermal degradation, thermal oxidation, and thermal analysis, literature survey, 13814  
polymer injection, gas flood efficiency improvement, 14798

Polynomials:

- high-precision Chebyhev series approximation to exponential integral, 14885  
meromorphic functions and derivatives, 15068

Polytetrafluoroethylene, plugs, glass stopcocks with, voluntary product standard, 14931

Pond Creek:

floods, how to avoid damage in Jefferson County, Ky., 14329

Jefferson County, Ky., flood plain information, 14317

Ponds, *see* Fish ponds.

Poor:

- green power, consumer action for the poor, community action program, 13825  
nutrition and human needs, national survey, hearings, 13756  
President's Commission on Income Maintenance, technical studies, 15122

Pop Warner Little Scholars, Incorporated, incorporate, hearings, 13531

Population:

- census, 1970, congressional apportionment, 13427  
county veteran population, Dec. 1969, estimates, 15378  
current population reports—  
consumer buying indicators, 13177  
consumer income, series, 13176  
population estimates, series, 13175  
farm, 1969 estimates, 14272  
research activities and family planning services, expanding, improving, and better coordinating, 13653  
research centers, construction grants, report, 13653  
research, grants and awards, list, 15009  
United States, projections by age and sex, 1970-2020, interim revisions, 13175

Population Affairs Office, establish, report, 13653

Populations (mathematics):

- heterotrophic and autotrophic, in aquatic ecosystems, interrelation of carbon and phosphorous as means of regulating, 14113

Pore, N. Arthur, summary of selected reference material on oceanographic phenomena of tides, storm surges, waves, and breakers, 14343

Porters, bellmen and bell captains, employment outlook, 14726

Portneuf River, Pocatello, Idaho, flood plain information, 14316

Ports, *see* names of ports or places where located.

Portuguese East Africa, Mozambique, special study mission report, print additional copies, report, 13634

Portuguese West Africa, Angola, special study mission report, print additional copies, report, 13634

Post, Boyd W., forestry research progress, McIntire-Stennis cooperative forestry research program, 13769

# INDEX

- Post Office and Civil Service Committee, House:
  - hearings, 13536-538
  - reports, 13408, 13427, 13539
- Post Office and Civil Service Committee, Senate:
  - hearings, 13757
  - report, 13695
- Post Office Department:
  - appropriations, 1971, hearings, 13710
  - posters, commemorative stamp, 15107-110
  - reorganization, law, 13342
- Post Offices:
  - acceptance of U.S. passport applications, test program, hearings, 13536
  - occupations, employment outlook, 14728
- Postage stamps:
  - commemorative—
    - 5-cent weather services postal card (poster), 15107
    - issuance, standards governing, 15112
    - 6 cent—
      - Edgar Lee Masters (poster), 15108
      - South Carolina tricentennial (poster), 15109
      - woman's suffrage, 15110
    - moon and man and mail 10¢, air mail envelope, first man on moon with die, general information, 15111
  - Postal clerks, employment outlook, 14728
- Postal service:
  - employees, salary and retirement annuity increases, 13539
  - improve and modernize, law, 13342
  - postal reform (remarks), 15113
  - State postal maps, 15114-117
- Posters:
  - Education office, 14296
  - National Institute of Mental Health, 15011, 15014-16, 15018-20
  - Post Office Department, commemorative stamps, 15107-110
- Posts, binding posts, electrical, military standard, 13807
- Potash, fertilizer, supply, 12970
- Potato leafhopper, on alfalfa, control, 12986
- Potatoes:
  - diseases through 1945, with common scientific names, bibliography, 12995
  - futures, floor trading on New York Mercantile Exchange, extent and price effects of market, 13247
  - sold in fresh markets, prices and spreads, 12993
  - winter, acreage marketing guide, 13762
- Potomac River Basin, Interstate Commission on, *see* Interstate Commission on Potomac River Basin.
- Potomac Valley Conservancy District, compact, amendments, consent of Congress, report, 13467
- Pottawattamie County, Iowa, community profile, 14161
- Potter County, S. Dak., community profile, 14162
- Pottery, and related products, 1967 census of manufactures, industry statistics, 13151
- Poultry, commercial broiler farms, costs and returns, 1969, Georgia, 14268
- Poverty:
  - President's Commission on Income Maintenance technical studies, 15122
  - rurality, poverty, and health, medical problems in rural areas, 14265
- Powdered carbon, *see* Carbon.
- Powderhorn, Colo., public lands outdoor recreation map of area, 14749
- Powell River and Valley, drainage basin, Tennessee Valley streams, their fish, bottom fauna, and aquatic habitat, 15353
- Power:
  - development, public works appropriations, 1971—
    - hearings, 13709
    - report, 13697
- Power—Continued
  - Intergovernmental coordination of power development and environmental protection act, 13737
  - spectra of XB-70 in response to atmospheric turbulence, 14824
  - see also* Electricity.
  - Power plants, large power plant effluent study [LAPPE], instrumentation, procedures, and data tabulations, 14903
  - Powers, H. R., Jr., annosus root rot in eastern pines, 14444
  - Poweshiek County, Iowa, community profile, 14163
  - P-p and p-t final state interactions in reaction  $^4\text{He}$  (d,t)p, 14870
  - Pre-Cambrian period, upper Precambrian and lower Cambrian strata in southern Great Basin, Calif., and Nev., 14535
  - Precipitation, persistence at 108 cities in conterminous United States, 14344
  - Precision measurements, *see* Physical measurements.
  - Predetection polarization diversity combiner, 14891
  - Prediction (psychology):
    - criminal court data on pre-trial release of defendants, pilot study, 14924
    - human performance prediction in man-machine systems, technical review, 14823
  - Premiums (insurance), *see* Life insurance.
  - Preprimary enrollment, 14923
  - Preservation of materials, fence posts in Puerto Rico, preservative treatments and service life, 1969 progress report, 14470
  - Preservation of wood, *see* Wood.
  - President of United States:
    - economic report, report, 13393
    - election by direct popular vote, amend U.S. Constitution, proposal, report, 13700
    - message, *see*, in main alphabet, subject of message.
    - presidential advisory committees, management and control, hearings, 13521
  - President's Commission on Campus Unrest, subpoena authority, law, 13309
  - President's Commission on Income Maintenance Programs, technical studies, 15122
  - President's Committee on Consumer Interests:
    - appropriations, 1971—
      - report, 13426
    - waiving points of order, report, 13429
  - President's Council on Youth Opportunity:
    - appropriations, 1971—
      - report, 13426
    - waiving points of order, report, 13429
  - President's Task Force on Model Cities, report, 15121
  - Pressman, printing pressmen and assistants, employment outlook, 14712
  - Pressure:
    - and heat transfer over plate at Mach 8.0, two-dimensional sinusoidal waves effects, 14876
    - ice, on engineering structures, 14306
    - pressures on elliptic cones at supersonic speeds, methods for predicting, 14884
    - stratosphere and mesosphere, 14893
  - Prestressing, flexural behavior of prestressed concrete composite tee-beams, 14915
  - Pretrial detention, *see* Arrest.
  - Price, Bronson, library statistics of colleges and universities, data for individual institutions, 14288
  - Price lists, *see* names of departments, etc., issuing lists—*also* subjects.
  - Prices, *see* subjects.
  - Primitive areas, *see* Wilderness areas.
  - Printing:
    - census of manufactures, 1967 industry statistics, 13149
    - industry, union wages and hours, 14740
    - occupations, employment outlook, 14712

- Printing—Continued.  
printing, publishing and allied industries, 1967 census of transportation, commodity transportation survey, commodity groups, 13155
- Prisoners of war, Geneva convention relative to treatment, with reservations, if any, by governments participating in hostilities in Vietnam, Cambodia and Laos, 13511
- Private enterprise, *see* Business.
- Private laws *see* Law.
- Probabilities (mathematics):  
Markov chain models for probabilities of hot and cool days sequences and hot spells in Nevada, 14345
- Procurement, *see* names of commodities procured—also names of departments, etc., engaged in procurement.
- Production:  
defense, loan guarantees, regulations, supplement, 14396  
Defense production act of 1950, amend and extend—  
law, 13346  
reports, 13430, 13441, 13455  
farm production and efficiency changes, summary report, 13006  
*see also* names or classes of commodities.
- Products, *see* Commercial products.
- Professional papers, Geological Survey, 14534-538
- Professions, Allied health professions personnel training act, advanced traineeship programs, extension, reports, 13410, 13416  
Proficiency difference, of pilot and navigator, F-4 2d-seat crewmembers, Southeast Asia evaluation, 13011  
Program aid series, 12998-13000
- Programmers, *see* Computer specialists.
- Programming (computers), *see* Computer programs/programming.
- Project Apollo (man-in-space program):  
Apollo 12, preliminary science report, 14841  
Apollo 13 mission review, hearing, 13705
- Project Buggy (plowshare program):  
lidar observations of debris clouds from nuclear cratering detonations, 13085  
special cloud content studies, 13077
- Project Cabriolet (field cratering experiment):  
measurements of subsurface and close-in surface dynamic effects, 13082
- Project Palanquin (plowshare program):  
off-site surveillance, final report, 13080  
on-site radiological safety report, 13081  
scientific photography, 13079
- Project Rullson (nuclear experiment):  
Rullson subsurface nuclear blast vibration effects on Vega Dam, 15147
- Project Schooner (plowshare program):  
analysis of seismic data from cratering and contained events, contribution, 13078
- Project Western Coal, conversion of coal into liquids, 13207
- Propagation:  
magnetospheric duct propagation, ray tracing digital computer program for study, 14842  
pulse propagation of electromagnetic signals through solar corona, study, 14815  
theoretical LF, VLF field calculations with spherical wave functions of integer order, 14348
- Propellants, liquid propellant two-stage launch vehicle, measured and predicted longitudinal vibrations, 14882
- Propellers:  
wide-bladed static stresses, 15097  
wing slipstream flow interaction, analysis, 14829
- Property, residential, rehabilitating in urban renewal and code enforcement areas, 14582  
*see also* Real estate.
- Protective coatings, *see* Coating materials.
- Proteins, fish protein concentrate program, U.S., 13237
- Proton scattering, *see* Scattering.
- Protons, intermediate energy protons, interaction with light nuclei, 14888
- Psoriasis, description, symptoms, etc., 15128
- Psychiatry, careers in Public Health Service, 15012
- PTFE, *see* Polytetrafluoroethylene.
- Public assistance, *see* Public welfare—Social work and problems.
- Public Broadcasting Corporation, appropriations, 1971, authorization, extend, report, 13476
- Public buildings:  
air pollution abatement by Federal facilities, report, 13561  
Comptroller of Currency Office, provided with rent-free space in Government-owned buildings, GAO report, 14512  
design and construction, Public Buildings Service program, 15123  
Federal facilities, air quality control region, report, Toledo, Ohio, 14901  
janitorial services, trash removal, and similar services in federally owned and leased properties, 3-year contracts, authorize, report, 13444
- Public Buildings Service, design and construction program, 15123
- Public debt:  
increase in ceiling—  
report, 13399  
request, 13361
- Public Documents Division:  
classified list of Government publications, 15124  
price lists, 15125-127
- Public health, *see* Health.
- Public Health Service:  
act, amend—  
law, 13303  
reports, 13410, 13416, 13489, 13651, 13679  
cooperative study, renal disease and hypertension, conference proceedings, 14367  
formula grants for family planning services, report, 13653
- Public housing, *see* Housing.
- Public Information, Post Office Department, PI series, 15112
- Public Land Law Review Commission:  
appropriations, 1971—  
law, 13335  
report, 13645  
extend—  
hearing, 13741  
report, 13650
- Public lands:  
Classification and multiple use act, extend—  
hearing, 13741  
report, 13650  
Colorado, outdoor recreation maps, 14746-749  
Public land sale act, extend—  
hearing, 13741  
report, 13650  
suppression of fires, Interior Dept. contracts, report, 13648
- Public laws, *see* Law.
- Public libraries, *see* Libraries.
- Public property:  
Federal property and administrative services act, amend—  
hearing, 13522  
report, 13444  
Federal surplus, disposal for park and recreational purposes, hearing, 13520
- Public schools, *see* Schools.

# INDEX

- Public welfare:  
 disabled on public assistance, 15168  
 Family assistance act of 1970, related material, 13727  
 Federal domestic assistance program, catalog, 13824  
 medical program, costly problems, hearings, 13728  
 medical care, vendor payments by type of service, 14938  
 more payments to persons aged 65 or over, concurrent receipt, 14937  
 Public assistance act of 1970, brief summary, 13548  
 public assistance programs, improve—brief summary of act, 13548  
 related material, 13727
- Public works:  
 appropriations, 1971—  
 report, 13697  
 water, pollution control and power development, hearings, 13709  
 Economic Development Administration's public works program, evaluation—  
 individual project reports, 13820  
 summary of findings and survey methodology, 13819  
 economic development districts, composition and status, 13821  
 Public works and economic development act of 1965—  
 amend and extend, hearing, 13758  
 as amended, authorizations, extend, report, 13395  
 Public Works Committee, House, reports, 13412, 13467  
 Public Works Committee, Senate:  
 hearings, 13758-790  
 reports, 13667-668  
 Publications, *see* names of departments, etc., issuing publications—*also* subjects.  
 Publishing, printing, publishing and allied industries, 1967 census of transportation, commodity transportation survey, commodity groups, 13155  
 Puddle ducks, 15270  
 Puerto Rico:  
 climate, 14341  
 county business patterns, 13174  
 Culebra Island, lease easements and release land by Navy Dept., hearings, 13497  
 fence posts, preservative treatments and service life, 1969 progress report, 14470  
 political status report, Spanish edition, 15370  
 Pulpboard, multilayer corrugated fiberboard pads loaded at center only, cushioning performance, 14468  
 Pulse waves  
 pulse compression radar study, space geodesy altimetry, 14822  
 pulse propagation of electro magnetic signals through solar corona, study, 14815  
 Pulses:  
 basic pulse-radar maximum-range calculation, guide, equations, definitions, and aids to calculations, 15060  
 dual-PRF, dual-pulse-length synchronizer for two-frequency Randle CHFF radar, 15095  
 Pumping, ground-water infiltration reduced in sewers by zone pumping, 14417  
 Pumps:  
 analysis of effect of design and measurement errors on pump performance parameters, 14868  
 Edison model 117A lever-action hand pump for chemical toilet servicing, equip tips, 14432  
 high entrainment jet pumps, analytical and experimental investigation, 14820
- Purchasing:  
 consumer buying indicators, series 13177  
 how to buy dry beans, peas, and lentils, 12983
- Purchasing agents, buyer's guide to urban renewal, 14571  
 Purces, *see* Tomato purée.  
 Purification of water, *see* Water purification.  
 Putnam County, N.Y., community profile, 14164  
 Pylonephritis, Public Health Service cooperative study, conference proceedings, 14367  
 Pyrolysis, conversion of municipal and industrial refuse into useful materials, 14796
- Q**
- Quail, California, habitat management, 15209  
 Quantitative analysis:  
 quantitative methods for evaluating hospital designs, 14933  
 quantitative radiation-response time-data, theory, 13076  
 Quaternary period, quaternary geology of Long and Bear Valleys, West-Central Idaho, 14521  
 Queens County, N.Y., community profile, 14165  
 Questions and answers on employment security amendments, 15368
- R**
- Rabbits:  
 habitat management, 15214  
 hares, habitat management, 15213  
 Rabung, John R., note on van der Waerden's theorem on arithmetic progressions, 15082  
 Race problems:  
 equal educational opportunity, hearings, 13726  
 public elementary and secondary schools in selected districts, enrollment and staff by racial/ethnic group, directory, 14562  
 school desegregation, emergency assistance program, 14283  
 Voting rights act of 1965, extend—  
 law, 13301  
 report, 13401
- Radar:  
 basic pulse-radar maximum-range calculation guide, equations, definitions and aids to calculations, 15060  
 beacons, interrogation repetition frequency sets nonsynchronous for n interrogations, methods for calculating and analyzing, 15081  
 lidar observations of debris clouds from nuclear cratering detonations, 13085  
 pulse compression radar study, space geodesy altimetry, 14822  
 TRACON facilities, improvement of operating conditions, handbook, 14359  
 trimmed-mean detector for noncoherent distributions, 15069  
 two-frequency Randle CHFF radar, dual PRF, dual-pulse-length synchronizer, 15095
- Radiation:  
 dose and effects of medical radionuclides, symposium proceedings, 13068  
 induced nonlinear degradation of transistor gain, 14813  
 quantitative response time-data, theory, 13076  
 radiating, nonadiabatic, equilibrium inviscid flow over blunt body, inverse-method solution, 14863  
 transient effects on ruby lasers, 15079
- Radio, HF, basis and application of simulation model for oceanographic data transmission system using, 14350  
*see also* headings beginning Radio.
- Radio apparatus and appliances, communications-radio receiving set AN/PRR-9 and transmitting set AN/PRT-4, operator training course, electronics and communications, 13050

# OCTOBER 1970

Radio equipment, *see* Radio apparatus and appliances.  
 Radio frequencies, electricity-radio frequencies, precision measurement and calibration, 14922  
 Radio operators:  
   ground, employment outlook, 14723  
   operator training course, electronics and communications, communications-radio receiving set AN/PKR-9 and transmitting set AN/PRT-4, 13050  
 Radio service technicians, employment outlook, 14707  
 Radio sets, *see* Radio apparatus and appliances.  
 Radio signals, predetection polarization diversity combiners, 14891  
 Radio transmitters, *see* Transmitters (radio).  
 Radio waves:  
   ray tracing digital computer program for study of magnetospheric duct propagation, 14842  
   switching inverter with sine-wave output, 15088  
   theoretical LF, VLF field calculations with spherical wave functions of integer order, 14348  
 Radioactivation analysis, photon activation analysis using NRL Linac, survey, 15091  
 Radioactivity:  
   calibration standards, special conference session, proceedings, 14923  
   debris clouds from nuclear cratering detonations, lidar observations, Project Buggy, 13085  
   fallout, Health and Safety Laboratory program, quarterly summary report, 13071  
   fallout shelters, buildings with fallout protection design case study, DCS series, 13157  
   Health and Safety Laboratory program, quarterly summary report, appendix, 13072  
   off-site surveillance, final report, Palanquin project, 13080  
   radioactive occurrences in U.S., selected bibliography, 13083  
   special cloud content study, Project Buggy, 13077  
 Radiologic technologists, *see* X-ray technicians.  
 Radiological health, *see* Health.  
 Radiological Health Bureau, BRH/ORO series, 15139  
 Radiology, on-site radiological safety report, Palanquin project, 13081  
 Radiometry:  
   infrared radiometric microscope used in nondestructive determination of flexible package seal defects, 13041  
   radiometric anomalies, Serpentine Hot Springs area, Seward Peninsula, Alaska, 14522  
   radiometric measurements from TIROS VII, monthly global atmospheric circulation characteristics as reflected, 14845  
 Radionuclides, medical, radiation dose and effects, symposium proceedings, 13068  
 Raft River and Valley, basin, Idaho-Utah, 1966, reappraisal of water resources and ground water development, 14539  
 Railroad accidents:  
   car-train collision, multidisciplinary accident investigation, 14973  
   investigation report, 14383  
   train to car collision, multidisciplinary accident investigations, 14982  
   train versus automobile collision at intersection/railroad crossing, 14969  
 Railroad cars, linear induction motor test vehicle, stability and dynamic response, study, 14384

Railroad employees:  
   Retirement act of 1937, amend to increase benefits—  
     law, 13344  
     report, 13432  
 Railroad retirement act, *see* Railroad employees.  
 Railroad Retirement Board:  
   appropriations, 1971—  
     report, 13426  
   waiving points of order, report, 13429  
 railroad retirement accounts, interest on investments, change method of computing—  
   law, 13344  
   report, 13432  
 Railroad Retirement Commission, establish, law, 13344  
 Railroads:  
   carload cost scales by territories, 14648  
   Federal railroad safety act of 1969, report, 13420  
   Interstate commerce act, amend, hearings, 13723  
   nonfriction braking systems for high-speed trains, 14381  
   regional intercity rail passenger service authority compact, consent of Congress, hearings, 13724  
   transportation of hazardous materials, prescribe rules, regulations, etc., report, 13420  
 Rails (birds):  
   hunting, possession, transportation, importation, 1970-71, Federal regulations governing, 15276  
 Rain, attenuation study for 15 GHz, relay design, 15342  
 Raleigh, Henry D., reactor safety, literature search, 13054  
 Ramasastry, Jayaram, ray tracing digital computer program for study of magnetospheric duct propagation, 14842  
 Ramey, James T., remarks, Apr. 4, 1970, 13087  
 Ramsay, James G., relief, 13584  
 Ramsey County N. Dak., community profile, 14166  
 Ranchers, *see* Stockmen.  
 Ranches:  
   furnishing plan for Badlands ranch house, Theodore Roosevelt National Memorial Park, 15027  
   migratory sheep ranches, 16969, costs and returns, 14270  
 Randolph, John N., Jr., basic data on economy of Australia, 13225  
 Randolph County, Ala., community profile, 14167  
 Randolph-Sheppard act, *see* Blind.  
 Ransom County, N. Dak., community profile, 14168  
 Rapid transit, *see* Local transit.  
 Ratchet wrenches, *see* Wrenches.  
 Rates, *see* Freight rates.  
 Raw materials, program, AEC authorizing legislation, 1971, hearings, 13348  
 Ray tracing digital computer program for study of magnetospheric duct propagation, 14842  
 Rayburn, Sam, Veterans' Administration center, named for, report, 13402  
 REA, *see* Rural Electrification Administration.  
 Reactions (nuclear), *see* Nuclear reactions.  
 Reactor fuel, nuclear spent fuel, Southern Governors Conference on transportation, proceedings, 13070  
 Reactor safety, *see* Safety of life.  
 Reactors (atomic):  
   iodine filter tests at NRL nuclear reactor, 15078  
   light water breeder program, AEC authorizing legislation, 1971, hearings, 13348  
   reactor safety, literature search, 13084

# INDEX

- Reading:  
 professional, guide for Navy and Marine Corps officers, 15057  
 the right to read, target for the 70's (poster), 14296  
 school achievement of children 6-11 years as measured by wide range achievement test, 14935  
 talking books for very young readers, 14756
- Real estate:  
 buyer's guide to urban renewal, 14571  
 salesmen and brokers, employment outlook, 14691  
 subdividers and developers, except cemeteries, census of construction industry, 1967, statistics, 13142  
*see also* Public property.
- Receipts and expenditures, *see* Finance.
- Receiving clerks, employment outlook, 14687
- Recipes, beef and veal, 12981
- Reclamation Bureau:  
 appropriations, 1971, public works, hearings, 13709  
 Reclamation Bureau, Office of Chief Engineer, REC-OCE series, 15144-147
- Reclamation of land:  
 experimental planting of 14 trees species on Pennsylvania's anthracite strip-mine spoils, 14472  
 main drainage canals, Beaufort County, S.C., requirements, feasibility study, 15206
- Reclamation projects, *see* names of projects.
- REC-OCE series, 15144-147
- Reconnaissance (geologic):  
 Cuba Project, New Mexico, 15140
- Recorders, *see* Recording instruments.
- Recording instruments:  
 model GDR-1C-19-T Gift depth recorder, description, etc., 15050  
 model OSR-19T oceanographic survey recorder, description, etc., 15048
- Recreation:  
 disposal of surplus Federal property for park and recreational purposes, hearing, 13520  
 income crop for Wyoming farmers and ranchers, how and where to get help, 15226  
 outdoor, appraisal of potentials for outdoor recreational development—  
 Blount County, Tenn., 15177  
 Bradley County, Tenn., 15170  
 Carter County, Okla., 15176  
 Claiborne County, Tenn., 15179  
 Coffee County, Tenn., 15180  
 Crockett County, Tenn., 15181  
 Decatur County, Tenn., 15182  
 Gibson County, Tenn., 15183  
 Hardin County, Tenn., 15184  
 Jefferson County, Tenn., 15105  
 Lake County, Tenn., 15186  
 Monroe County, Tenn., 15187  
 Montgomery County, Tenn., 15188  
 Moore County, Tenn., 15189  
 Polk County, Tenn., 15190  
 Talladega County, Ala., 15240  
 Unicoi County, Tenn., 15191  
 sites, Colorado, 14750  
 water resources projects, cost sharing grants, law, 13318  
 watershed protection and flood prevention—  
 Fish Stream Watershed, Penobscot County, Maine, 15252  
 Sugar River Watershed, Grafton, Merrimack and Sullivan Counties, N.H., 15253
- Recreation workers, employment outlook, 14682
- Recreational areas and demonstration projects:  
 Colorado public lands outdoor recreation map—  
 Eagle areas, 14746  
 Glade Park area, 14747  
 Piceance Creek area, 14748  
 Powderhorn area, 14749  
 Pima and Maricopa Counties, Ariz. and Albuquerque, N. Mex., land conveyance for recreation, report, 13414  
*see also* names of areas.
- Red Bluff Recreation Area, interpretive concept, 15032
- Red fir, *see* Fir.
- Red Sea, lights and fog signals, list, 15053
- Redear sunfish, *see* Sunfish.
- Redevelopment (city planning etc.):  
 buyer's guide to urban renewal, 14571  
 economic development districts, composition and status, 13821  
 Housing and urban development act of 1965, amend, report 13457  
 housing and urban development legislation of 1970, hearings, 13500, 13716  
 model cities continued planning and evaluation, sample work plan for first work year, 14580  
 urban beautification and improvement program, 14583  
 urban renewal—  
 and code enforcement areas, rehabilitating residential property, 14582  
 handbook, 14576-577  
 small businessman's problems, hearings, 13544
- Reduction of Federal Expenditures Joint Committee, committee print, 13555-557
- Reed, John H., address, Apr. 9, 1970, 15042
- Reed, Robert E., jr., stress concentration due to hyperboloid cavity in thin plate, 14887
- Reeds, Plain of, Vietnam, accelerated development, 14300
- Reedy River:  
 flood control, engineers report—  
 departmental edition, 14330  
 document edition, 13365
- Reemployment of veterans, *see* Veterans.
- Reflection (sound), *see* Sound.
- Refractory materials, high temperature electrical components, thermal vacuum testing, 14817
- Refugees, war casualty problems in Laos and Cambodia, hearing, 13749
- Refugees, *see* names of refugees.
- Refuse:  
 municipal and industrial, conversion into useful materials by pyrolysis, 14796  
 sanitary landfill facts, 15257  
*see also* Waste products.
- Regeneration (biology):  
 Engelmann spruce regeneration practices in Rocky Mountains, 13003  
 white and red fir, natural regeneration influence of several factors, 14461
- Regeneration of spent granular activated carbon, 14405
- Regional Operations Office, BRH/ORO series, 15139
- Registers:  
 Army—  
 departmental edition, 13061  
 document edition, 13352  
 Army Materiel Command, approved recurring reports, 13036  
 Army National Guard, 14956  
 State Department, biographic, 15292
- Regression (statistics):  
 accuracy of stepwise regression of computer program BMD02R in network analysis, highway planning technical report, 15134
- Regulations, *see* names of departments, etc., issuing regulations—*also* subjects.

- Regulators, sewer fluidic regulator, combined, design, 14418
- Regulatory announcements, Sports Fisheries and Wildlife Bureau, 15276
- Rehabilitation, residential property in urban renewal and code enforcement areas, 14582
- Rehabilitation counselors, *see* Counselors.
- Rehabilitation of the disabled:
- clients receiving training who were rehabilitated during fiscal year 1968, profile, 15150
  - rehabilitation of auto accident victims, 15360
- Rehabilitation Services Administration, statistical note, 15150
- Reinmuth, Dennis P., study of assigned risk plans, 15361
- Reinsel, Robert D., farm tenure and cash rents in U.S., 14267
- Relativity (physics):
- relativistic equations of motion of artificial earth satellite, integration, 14894
- Relay devices, *see* Devices.
- Relays, *see* Electric relays.
- Reliability (mechanical):
- operational reliability of flight control systems, and automatic piloting of aircraft, problem, 14897
- Renal diseases, *see* Kidneys.
- Rensselaer County, N.Y., community profile, 14169
- Rent:
- cash rents and farm tenure in U.S., 14267
  - rent-free space provided to Comptroller of Currency Office in Government-owned buildings, GAO report, 14512
  - supplement assistance, FHA regulations, 14370
- Rental housing, *see* Housing.
- Renville County, N. Dak., community profile, 14170
- Repair parts, excess spare parts, improvements needed in FAA procedures for determining, GAO report, 14502
- Repairmen, *see* Body and fender repairmen—Mechanics (persons).
- Repeatability, accuracy, portability, and errors of portable alignment gyrocompass system, 14546
- Repellents, *see* Insect repellents.
- Reporters and reporting, newspaper reporters, employment outlook, 14685
- Reports, *see* names of departments, etc. issuing reports—*also* subjects.
- Research, *see* Military research—*also* names of departments, etc. doing research—*also* subjects.
- Research and development reports:
- Atomic Energy Commission, 13065-86
  - Coal Research Office, 13207
- Research and statistics notes, 15170
- Research notes, Forest Service, 14458-463
- Research papers, Forest Service, 14464-481
- Research reports:
- National Cancer Institute, 14932
  - Social Security Administration, 15171
- Reserve components of Armed Forces:
- annual report of Secretary of Defense, 13774
  - facilities, construction appropriations, 1971, waiving points of order, report, 13404
- Reserve Officers Training Corps, Air Force:
- career opportunities, all the way from the ground up, 13025
  - management control system, 1969 updating of data file, 13013
- Reserve Officers Training Corps, Army, program, where the leaders are, 13062
- Reservoirs, *see* names of reservoirs or places where located.
- Residential construction, *see* Construction industry.
- Resins, crazed resin filtration of combined sewer overflows self-adjusting and self-cleaning filter feasibility study, 14416
- Resolutions, *see* Law.
- Resource bulletins, Forest Service, 14482-485
- Resource recovery act of 1970, reports, 13403, 13668
- Resources, *see* Natural resources.
- Response functions, theoretical frequency response functions and power spectra of XB-70, response to atmospheric turbulence, 14824
- Responses, radiation-response time-data, theory of quantitative, 13076
- Retail trade, census of business, 1967, merchandise line sales, 13099-121
- see also* Stores.
- Retirement, *see* Civil service pensions.
- Revenue agents, career in professional accounting, IRS, 14615
- Reverse osmosis process, *see* Osmosis.
- Rhode Island, census of business, 1967, retail trade, merchandise line sales, 13117
- Rice, Roy W.:
- fabrication and characterization of hot pressed  $Al_2O_3$ , 15093
  - welding of ceramics, 15084
- Rich, Thomas A., basic concepts of aging, programmed manual, 12953
- Richards, Louis G., LSD-25, factual account, layman's guide to pharmacology, physiology, psychology and sociology of LSD, 14805
- Richardson, Elliot L., address, July 27, 1970, 14566
- Richland County, N. Dak., community profile, 14172
- Richmond, Va., area wage survey, 14731
- Richmond County, N.Y., community profile, 14172
- Rickover, Hyman G., testimony, hearings, 13492
- Rigging, 5 KW generator set, with portable floodlight set, airdrop of supplies and equipment, Army technical manual, 13058
- Right and Left (Political science):
- New Left, subversion, extent, hearings, 13747
- Rights-of-way, *see* Roads and highways.
- Ring-necked pheasants, *see* Pheasants.
- Ringgold County, Iowa, community profile, 14173
- Rings, wiping and sealing, Federal Item Identification guide, change, 13790
- Rio Grande River and Valley, drainage basin, saline-ground water resources, pilot study, 14596
- Risk:
- assigned risk plans, automobile insurance and compensation study, 15361
  - motor vehicle assigned risk plans, report, 15359
- Rivers:
- basins of United States, drainage areas, and resources regions, etc., atlas, 15192
  - daily stages, 15387
  - hydrology of 4 streams in western Washington related to Pacific salmon species, 14529
  - stream depletion by wells, rates and volume computation, 14542
  - streams on Long Island, N.Y., urbanization and its effect on temperature, 14536
  - why improve channels?, 15254
  - see also* names of rivers or places where located.
- Riverton extension unit, *see* Missouri River Basin project.
- Riverton reclamation project inclusion in Missouri River Basin project, reports, 13431, 13469
- Roads and highways:
- fatal accidents on interstate system, 15132
  - freeways, District of Columbia, authority to lease airspace above, on, and below

# INDEX

Roads and highways—Continued  
rights-of-way, report, 13670  
guardrail, single vehicle, penetration, multidisciplinary accident investigation, 14991  
highway funds, use for public transportation, hearings, 13760  
highway planner in FHWA, steps toward career growth program, committee report, 15133  
highway planning technical report, 15134  
highway safety literature, annual indexes to issues 69-1 thru 69-50, author, subject, etc., 14960  
logging roads in Appalachians, erosion control, 14473  
median crossover, multivehicle collision, multidisciplinary accident investigation, 14981  
network analysis series, computer program BMD02R, accuracy of stepwise, regression, 15134  
TIES computer program series, 15137  
Robert A. Taft Water Research Center, report TWRC series, 14405-8  
Roberts, W. K., interaction of intermediate energy protons with light nuclei, 14888  
Roberts County, S. Dak., community profile, 14174  
Robertson, Hugh J., development of active optics concept using thin deformable mirror, 14818  
Robinson, George B., interpretive concept, Red Bluff Recreation Area, 15032  
Rochester, N.Y., small businessmen's problems, hearings, 13544  
Rock Creek, watershed work plan, Washington and Multnomah Counties, Oreg., 15244  
Rock River, flood plain information, Winnebago, Ill., 14918  
Rockets, unguided, wind-weighting technique to predict velocity vector azimuth angles, 13038  
Rockland County, N.Y., community profile, 14175  
Rocks:  
rock-fill and earth dams stability engineering and design, EM manual, 14307  
rock points, shear and sliding resistance tests for Forebay Dam, Grand Coulee, 3d power plant project, 15145  
see also Gneiss.  
Rocky Face Ridge Site, land conveyance to Georgia report, 13413  
Rocky Mountains:  
carices, manual, 12977  
Engelmann spruce regeneration practices, 13003  
lindane spray effective against mountain pine beetle, 14463  
Utah and Colorado, physical geography and military environment, 13042  
Rodriguez, Marcos R., relief, 13309  
Rods, see Tie rods.  
Roe, Arthur L., Engelmann spruce regeneration practices in Rocky Mountains, 13003  
Rogers, William, address, Apr. 25, 1970, 15294  
Rolette County, N. Dak., community profile, 14176  
Romney, Cumorah K., relief, 13287  
Roofers, employment outlook, 14703  
Roofing, special trade contractors, census of construction, industry, 1967, statistics, 13132  
Root rot, annosus, in eastern pines, 14444  
Rose, Arthur L., union wages and hours, local transit operating employees, 14738  
Rosenberg, Beatrice, day care facts, 15389  
Roswell, N. Mex., motor carrier accident, 14804  
ROTC, see Reserve Officers Training Corps, Air Force—Army.  
Rotorcraft, external-load operations, Federal aviation regulations, 14357

Rouse, George C., vibration of Vega Dam following Rulison subsurface nuclear blast, 15147  
Rousselot, Louis M., nomination, hearing, 13712  
Routeman, see Salesmen and salesmanship.  
Rubber footwear, see Boots and shoes.  
Rubey, Raymond J., flight computer and language processor study, 14809  
Ruby lasers, transient radiation effects on, 15079  
Ruffed grouse, see Grouse.  
Rules, see International law.  
Rules and Administration Committee, Senate, reports, 13624-636, 13662-666, 13680-683  
Rules Committee, House, reports, 13395-397, 13999-401, 13403-404, 13407, 13416, 13420-421, 13428-429, 13441, 13457, 13469-476, 13485  
Rulison project (nuclear experiment), see Project Rulison (nuclear experiment).  
Rumania, mineral industry, minerals year-book chapter, 14789  
Rural communities:  
problems of local airline service (address), 13186  
rurality, poverty, and health, medical problems in rural areas, 14265  
small businessmen's problems, hearings, 13544  
Rural electricity, see Electricity.  
Rural Electrification Administration:  
distribution line extension construction contract, 15151  
materials acceptable on rural electrification systems, list, 15152  
REA bulletin, 15153  
Rural housing, see Housing.  
Rural redevelopment, rural industrialization, tissue paper mill in Pickens, Miss., case study, 14266  
Russell, James H., mathematical evaluation of SO<sub>2</sub> sorption-regeneration reactions with alkali alumina, 14793  
Russell, Joe L., seasonality and manpower in construction, 14666  
Russell County, Ala., community profile, 14177  
Rusts (plant diseases):  
southern cone rust, cause, control, etc., 14440

## S

Sablefish, experimental fishing off San Diego, Calif., 13238  
Sac and Fox Indians, disposition of funds, report, 13438  
Sac County, Iowa, community profile, 14178  
Sac Indians, see Sac and Fox Indians.  
Safety in the air, see Safety of life.  
Safety of life:  
air safety, art of flying (remarks), 15041  
alcohol safety countermeasures program, 14957  
Coast Guard Auxiliary examination program, courtesy examiners handbook, 13214  
Federal motor vehicle safety standards and regulations, with amendments and interpretations, supplement, 14959  
Federal railroad safety act of 1969, report, 13420  
Fire research and safety act of 1968, appropriations, authorize, reports, 13422, 13673  
goggles, industrial, safety, military standard, 13809  
highway safety literature, annual indexes to issues 69-1 thru 69-50 author, subject, etc., 14960  
Labor Dept. training programs, occupational safety aid, OSA LS series, 14658

## Safety of life—Continued

- motor vehicle safety standards, roles of General Services Administration and Transportation Department, special study, 15043
- Navy safety precautions for shore activities, change, 15100
- on-site radiological safety report, Palanguin project, 13081
- reactor safety, literature search, 13084
- safety for workers, publications, price list, 15126
- safety in industry, teach them to lift, 14657
- safety of dams investigation at Salt River Project, Ariz., field and laboratory tests, 15146
- safety trends for the seventies (address), 15042
- tornado safety rules, 14351
- transportation by railroad of hazardous materials, prescribe rules, regulations, etc., report, 13420
- Sage Creek, Casper, Wyo., flood plain information, 14310
- Sailing directions, Pacific Islands, changes, 15052
- Sailors, Seamen's service act, report, 13466
- Sainsbury, C. L., geology, mineral deposits, and geochemical and radiometric anomalies, Seward Peninsula, Alaska, Serpentine Hot Springs area, 14522
- St. Clair County, Ala., community profile, 14179
- St. Francis County, Ark., Fish Bayou watershed work plan for watershed protection, flood prevention, drainage, fish and wildlife water resource improvement, 15251
- St. Lawrence County, N.Y., community profile, 14180
- St. Lawrence Seaway Development Corporation:
  - annual report, 1969—
    - departmental edition, 15155
    - document edition, 13375
  - financial statements, audit, GAO report, 14405
- St. Mary's Parish, La., soil survey report, supplement, 15236
- Sakamoto, Clarence M., Markov chain models for probabilities of hot and cool days sequences and hot spells in Nevada, 14345
- Salaries:
  - District of Columbia—
    - firemen, increase, law, 13304
    - police, increase, law, 13304
    - teachers, increase, law, 13304
  - Federal classified and postal employees, increases, 13539
  - Federal classified system, compensation, hearings, 13537
  - Federal employees—
    - pay comparability system, implement, hearings, 13537
    - Salary comparability act of 1970, hearings, 13537
  - see also Wages.
- Sales, see names of commodities, etc.
- Salesmen and salesmanship:
  - employment outlook—
    - automobile salesmen, 14688
    - insurance agents and brokers, 14689
    - real estate salesman and brokers, 14691
    - retail and wholesale trade salesworkers, manufacturers' salesmen, 14690
    - route men, 14709
  - securities salesmen, 14692
  - executive, administrative, professional and outside salesmen, exemptions under Fair Labor standards act, 15304
  - selling in Denmark, 13226
- Saline water, see Water.
- Saline Water Office, Webster Test Facility and Electrodialysis Test-bed Plant, Webster, S. Dak., annual report, 14600

Salinity, mineral quality problem in Colorado River Basin, physical and economic impacts, 14404

Salinometers, model RS7-B portable induction salinometer, description, etc., 15049

Salmon:

chum, *Oncorhynchus keta* (Walbaum)

1792, biological data, synopsis, 13233

Pacific species, hydrology of 4 streams in western Washington related to spawning, depths, 14529

Salmonidae fishes, see Trout.

Salt, see Brines.

Salt Lake City Corporation, land conveyance, release conditions in deed, report, 13445

Salt River Project, Ariz., safety of dams investigation, field and laboratory tests, 15146

Sam Rayburn Memorial Veterans' Administration Center, designate in Bonham, Tex., report, 13402

Samoa, see American Samoa.

Sampling, gas sampling system, development, 14821

San Francisco, Calif., San Francisco Unified School District, selected drug education curricula, 14944

San Francisco Bay and Delta, estuary, water pollution, report, 13488

Sanborn County, S. Dak., community profile, 14181

Sanderson Canyon Watershed, watershed work plan for watershed protection and flood prevention, Terrell, Pecos, and Brewster Counties, Tex., 15246

Sandwich construction, buckling coefficients for simply supported, flat, rectangular sandwich panels under biaxial compression, 14467

Sanitarians, employment outlook, 14672

Sanitary fills, sanitary landfill facts, 15257

Sanitation:

sanitary landfill facts, 15257

sanitary regulation of fluid milk industry, inspection, cost, and barriers to market expansion, 12960

Sanner, William S., conversion of municipal and industrial refuse into useful materials by pyrolysis, 14796

Santa Barbara Channel:

marine sanctuary, create, message from the President, 13363

oil exploration leases, terminate, message from the President, 13363

Santa Barbara County, Calif., Santa Ynez River, Lompoc to Pacific Ocean, flood plain information, 14320

Santa Clara River, Santa Paula vicinity, Ventura County, Calif., flood plain information, 14319

Santa Monica Bay, aircraft accident, 15039

Santa Paula, Calif., Santa Clara River, flood plain information, 14319

Santa Ynez River, Lompoc to Pacific Ocean, Santa Barbara County, Calif., flood plain information, 14320

Saratoga County, N.Y., community profile, 14182

Sargent, Thomas R., nomination, hearings, 13719

Sargent County, N. Dak., community profile, 14183

Sasser, Ga., Tamlam Trail Tours, Inc., accident, investigation report, 14802

Satellite triangulation, see Triangulation.

Satellites:

artificial earth satellite, integration of relativistic equations of motion, 14894

atmospheric circulation research, usefulness of satellite data, 14845

Brouwer's artificial-satellite theory, application to computation of state transition matrix, 14875

# INDEX

- Satellites—Continued  
 global navigation and traffic control using satellites, 14895  
 ionospheric research, agreement with Canada, 15317  
 meteorological satellite, application of its data in analysis and forecasting, 14346  
 TIROS VII, monthly global atmospheric circulation characteristics as reflected from radiometric measurements, 14845  
*see also* Launching facilities.
- Saturation:  
 distributed saturation characteristics in integrated devices—  
   design, evaluation, 14858  
   model, 14857
- Saudi Arabia, establishing business in, 13228
- Sauer, Mary L., personnel management, 13029
- Saunders, LeRoy, welfare and pension plan statistics, 14656
- Saury:  
   Pacific—  
     California current region 2, seasonal and geographic characteristics of fishery resources, 13240  
     Colombia salra, annotated reference, list, 13244
- Savannah, Ga., area wage survey, 14736
- Savings accounts, *see* Banks and banking.
- Savings and loan associations, savings and loan industry, study, 14368
- Savings banks, *see* Banks and banking.
- Sawtimber, *see* Timber.
- Sawtooth Primitive Area, Idaho, mineral resources, 14525
- Scenajunda Creek:  
   and tributaries, N.Y. engineers report—  
     departmental edition, 14331  
     document edition, 13369
- Scales (weighing instruments):  
   industrial plant equipment handbook, 13778
- Scaling of VTOL recirculation effects, 14827
- Scandinavian Airlines System, accident report, 15039
- Scanning:  
   display scanning, sampling and reconstruction using separate main and secondary tracking tasks, research, 14814  
   phase interpolation circuits for scanning phased arrays, 14854
- Scattering:  
   angular scattering functions for spherical water droplets, 15062  
   interaction of intermediate energy protons with light nuclei, 14888
- Schale, K. Warner, school achievement of children 6-11 years as measured by reading and arithmetic subtests of wide range achievement test, 14935
- Scheiderer, Edward D., nomination, hearing, 13719
- Schenectady, N.Y., small businessmen's problems, hearings, 13544
- Schenectady County, N.Y., community profile, 14184
- Schliermeier, Francis A., large power plant effluent study [LAPPE], instrumentation, procedures, and data tabulations, 14903
- Schmidt, Dwight L., quaternary geology of Long and Bear Valleys, west-central Idaho, 14521
- Schmidt, W. A., Zn doping of GaAs films using coevaporation of elements, 15089
- Schmude, Douglas F., occupational employment statistics, 14667
- Schoharie County, N.Y., community profile, 14185
- School buildings, federally affected areas, construction assistance final report, 13506
- School children, *see* Children.
- School lunches, national program, hearings, 13756
- Schools:  
   appropriations, 1971, supplemental, proposal, 13563  
   desegregation, emergency school assistance program, 14283  
   federally affected areas, operation assistance, final report, 13506  
   preprimary enrollment, 14293  
   public elementary and secondary, in selected districts, directory, enrollment and staff by racial/ethnic group, 14562  
   statistics of local public school systems, 1967-68 finances, 14297  
   *see also* Elementary education.
- Schroeder, Mark J., fire weather, meteorological information to forest fire control operations, 12976
- Schubert, Dale W., vibration isolation of commercial jet transport pilots during turbulent air penetration, 14811
- Schultz, W. C., relationships between aircraft system performance and pilot ratings, 14833
- Schulz, Gerald L., sealing through contaminated pouch surfaces, 13043
- Schuyler, William E., jr., address, Aug. 8, 1970, 15104
- Schuyler County, N.Y., community profile, 14106
- Schwartz, Ellen J., Georgetown architecture, 15029
- Schwob, Harlan H., floods in upper Des Moines River basin, Iowa, 14527
- Science:  
   aerospace science review, 13010  
   cold regions science and engineering, engineering monograph series, 14306  
   defence, cooperative technical and scientific projects, agreement with Argentina, 15315  
   exchanges, agreement with Union of Soviet Socialist Republics, 15312  
   Federal responsibilities, recommendation for centralization, 13540  
   NASA scientific reports and publications for 1969, selected listing, 14843  
   physical sciences, critical evaluation of data, 14927  
   science resources studies highlights, 15034-35  
   science, technology and American diplomacy, 13514  
   technicians, employment outlook, 14675  
   *see also* names of sciences.
- Science and Astronautics Committee, House:  
   committee prints, 13540, 13543  
   hearings, 13541-542  
   reports, 13417, 13422, 13478
- Scientific and technical aerospace reports, semiannual indexes, 14899
- Scientific research, and development, Federal funds for R&D continue to remain level, 15034
- Scientists:  
   environmental, employment outlook, 14673  
   life scientists, employment outlook, 14674  
   scientific and technical personnel in industry, 14741
- Scioto County, Ohio, community profile, 14187
- Scotland County, N.C., community profile, 14188
- Scott County, Iowa, community profile, 14189
- Screens, traveling, to collect juvenile fish, preliminary designs, 13246
- Sea, *see* Ocean.
- Sea grant colleges, *see* Colleges and universities.
- Sea ice, flexural strength of sea ice and dynamic Young's modulus, 14304
- Sea otter, eastern Pacific Ocean, general information, 15269
- Sealants, *see* Sealing compounds.

Sealing, through contaminated pouch surfaces, 13043.  
 Sealing compounds, evaluation of concrete and related materials for desalination plants, progress report, 15144  
 Seals (impressions, fasteners, etc.): flexible package seal defects, use of infra-red radiometric microscope in non-destructive determination, 13041  
 Seals and glands, ceramic-metal bore seal development, 14816  
 Seamen, *see* Sailors.  
 Seasonal labor, seasonality and manpower in construction, 14666  
 Seasoning of wood, *see* Wood.  
 Secondary education:  
 Elementary and secondary education act, title 1, education of the disadvantaged, evaluation report, 14280  
 needs for 1970's policy papers, compendium, 13505  
 Secondary impacts of public investment in natural resources, 12997  
 Secondary schools, *see* High schools.  
 Secretary of Senate, *see* Senate.  
 Sector income and employment multipliers, their interactions on national economy, 13008  
 Securities:  
 Federal broker-dealer insurance protection act, hearings, 13529  
 Investor protection for customers of registered brokers, dealers, and members of national securities exchanges, hearings, 13529  
 margin stock, credit by banks for purchasing or carrying, regulations, supplement, 14395  
 market, effect of institutional investors, study, extend reporting date, report, 13480  
 publications, price list, 15125  
 securities salesmen, employment outlook, 14692  
 Securities and Exchange Commission:  
 institutional investor study, extend filing time—  
 hearing, 13528  
 report, 13480  
 Securities exchanges, act of 1934, amend, hearings, 13528-529  
*see also* National securities exchanges.  
 Sedges, carices of Rocky Mountains and Colorado basin, manual, 12977.  
 Sedgewick, H. W., sugar and confectionary products, 13146  
 Sedimentation and deposition, sediment, problems in urban areas, 14526  
 Seeding, *see* Sowing.  
 Seedlings, juvenile seedlings in southern hardwood forests, identifying, 14480  
 Seeds, *see* names of plants or trees.  
 Segal, Dorothy B., index-catalogue of medical and veterinary zoology, 12963  
 Segregation, *see* Race problems.  
 Selnes, *see* Fish nets.  
 Seismology, analysis of seismic data from cratering and contained events, contribution, Project Schooner, 13078  
 Selander, C. E., evaluation of concrete and related materials for desalination plants, 15144  
 Self-employed, *see* Employment.  
 Self-Study course in FORTRAN programming, workbook, 14808  
 Semiconductors, switching inverter with sine-wave output, 15088  
 Senate:  
 majority leader Mike Mansfield, tributes commemorating longest tenure, 13560  
 nonvoting delegates for District of Columbia, provide, report, 13453  
 Secretary, report, 13572  
 Senate documents, 13558-572  
 Senate executive documents, 13573-574  
 Senate executive report, 13575

Senate reports:  
 private bills, 13576-622  
 public bills, 13623-704  
 Seneca County, N.Y., community profile, 14190  
 Seneca County, Ohio, community profile, 14191  
 Seney National Wildlife Refuge, marshland wildlife drive, description, 15261  
 Sense organs, sensory and neurological disabilities, estimated numbers and cost, 15021  
 Sensitization, sensitized materials, photographic and copying, Federal item identification guide, change, 13791  
 Sensory diseases, *see* Sense organs.  
 Sequential analysis, van der Waerden's theorem on arithmetic progressions, note, 13082  
 Serial set (congressional), 13253-256  
 Serpentine Hot Springs, Alaska, area Seward Peninsula, geology, mineral deposits, and geochemical and radiometric anomalies, 14522  
 Serum and serumtherapy, uric acid levels, effects of Marine Corps officer candidate school training, 14762  
 Servants, social security and your household employee, 15173  
 Service clubs, Air Force in Thailand, activities, allegations of kickbacks and other irregularities, hearing, 13714  
 Service station attendants, employment outlook, 14704  
 Service trades, service industry, machines and machine shops census of manufactures, 1967, industry statistics, 13152  
 Servus Rubber Co., Rock Island, Ill., plant, certain workers, protective footwear of rubber or plastics and plastic-soled footwear with fabric uppers, Tariff Commission report, 15346  
 Setup men, *see* Job setters (machine shop).  
 Sewage:  
 crazed resin filtration of combined sewer overflows, self-adjusting and self cleaning filter, feasibility study, 14416  
 District of Columbia water and sanitary sewer rates, increase, report, 13686  
 ground-water infiltration reduced in sewers by zone pumping, 14417  
 sewage sludge fluidized bed incinerator capacities and costs, mathematical model, 14408  
 sewer fluidic regulator, combined design, 14418  
 Seward Peninsula, Alaska, Hot Springs area, geology, mineral deposits and geochemical and radiometric anomalies, Serpentine, 14522  
 Sewerage, *see* Sewage.  
 Sewers, *see* Sewage.  
 Sex:  
 sex-oriented mail, protection of minors and rights of privacy—  
 hearings, 13530  
 report, 13439  
 Shannon County, S. Dak., community profile, 14192  
 Shapes, cables towed in circular path, 15075  
 Shawnee National Forest, Garden of the Gods Recreation Area, general information, 14449  
 Shear (mechanics):  
 Portland cement pastes and mortars, early strength development, exploratory studies, 14914  
 shear and sliding resistance tests of rock joints for Forebay Dam, Grand Coulee, 3d powerplant project, 15145  
 Sheep ranches, *see* Ranches.  
 Sheet metal, work, special trade contractors, census of construction industry, 1967, statistics, 13132  
 Sheet metal workers, employment outlook, 14703

# INDEX

- Shelby County, Ala., community profile, 14193
- Shelby County, Iowa, community profile, 14194
- Shelby County, Ohio, community profile, 14195
- Shegrin, William O., Ansley Wilcox House National Historic Site, historical data, 15030
- Shellfish, Maryland landings, 13232
- Shelton, Ella M.:  
diesel fuel oils, 14790  
motor gasoline, winter 1969-70, petroleum products survey, 14791
- Shenandoah (USS):  
deployment, maritime matters, agreement with Malta, 15307
- Sher, Alvin H., nomographs for use in fabrication and testing of Ge(Li) detectors, 14925
- Sheridan County, N. Dak., community profile, 14196
- Shigo, Alex L., beech bark disease, 14443
- Shipbuilding:  
Coast Guard not requiring shipbuilders to buy insurance and performance and payment bonds as means of reducing cost of vessel construction, GAO report, 14510  
construction-differential subsidies, extend 55-percent maximum rate, hearings, 13535
- Shipments, improving use of cargo space on aircraft operated by contract with Defense Dept., GAO report, 14492
- Shipping clerks, employment outlook, 14687
- Shipping containers, *see* Containers.
- Ships:  
AMVER [automated merchant vessel report] system, 13211  
commercial nuclear vessel welds, influence of composition on fracture toughness, 15087  
foreign vessel activities in or near U.S. waters off Florida, Coast Guard policy and operations, hearings, 13744  
maritime matters, deployment of USS Shenandoah, agreement with Malta, 15307  
merchant fleets of world, oceangoing steam and motor, 1,000 gross tons and over, 14758  
passenger lists of vessels arriving at Baltimore, 1833-66, city lists, pamphlet to accompany microcopy, 14911  
passenger vessels, reconstruction subsidies, extend 60-percent maximum rate, hearings, 13535  
*see also* Shipbuilding—*also* names of ships.
- Shoe repairmen, employment outlook, 14713
- Shofner, F. M., investigation of noise characteristics and amplitude stabilization of plasma lasers, 14826
- Shore, C. Wayne, proficiency differences of pilot and navigators F-4 2d-seat crewmembers, southeast Asia evaluation, 13011
- Shore, John E., fast, flexible, highly parallel associative processor, 15063
- Shrimps, life histories of several penaeid (Penaeidae) along South Atlantic Coast of U.S., 13243
- Shrinkage, in handsheets during drying, measuring, 14465
- Shrubs, improvement, forester's role, conference proceedings, 14457
- Shugars, Owen K., commercial tobacco farms, Coastal Plain, N.C., 14269
- Sierra Leone, economic trends and their implications for United States, 14640
- Slesseger, Frederic W., basic data on economy of Pakistan, 13224
- Sight, visual detection in spacecraft environment, experimental and analytical study, 14812
- Signals:  
electromagnetic, pulse propagation through solar corona, study, 14815  
smooth limiting of 2 signals in narrow-band system, 15094
- Signs, Federal item identification guide, 13780
- Silberman, Laurence H.:  
nomination—  
hearing, 13754  
report, 13575
- Silver, silver-dealer claimants, refer to Chief Commissioner of Court of Claims, 13376
- Simons, J. W., housing for migrant agricultural workers, 12978
- Simulation:  
fixed-based visual simulation of obstacle avoidance during terminal descent of advanced Apollo spacecraft with all-flexible parawing, 14879  
in-flight simulated instrument approaches in general aviation aircraft, pilot heart rates, 13089  
ionospheric conditions for space vehicles, 14860  
model, basis and application for oceanographic data transmission system using HF radio, 14350
- Simulators, *see* Flight simulators.
- Sine waves, two-dimensional sinusoidal waves, effects on heat transfer and pressure over plate at Mach 8.0, 14876  
*see also* Radio waves.
- Sinusoids, *see* Sine waves.
- Sioux County, Iowa, community profile, 14197
- Sioux County, N. Dak., community profile, 14198
- Siskiyou National Forest, 1969 stockholders report, 14487
- Site indexes:  
preliminary site index curves for noble fir from stem analysis data, 14460  
published curves for Lake States timber species, biological growth functions described, 14471
- Sites, *see also* Historic sites.
- Sitka-spruce weevils, *see* Weevils.
- Skerjanec, R. E., rain attenuation study for 15 GHz relay design, 15342
- Skin diseases, *see* Psoriasis.
- Skop, Richard A., shape of cable towed in circular path, 15075
- Skyline logging, *see* Lumbering.
- Slash, *see* Forests and forestry.
- Slatick, Eugene R., mineral industry of Cyprus, 14783
- Slaughtering:  
custom operations—  
hearing, 13490  
law, 13317
- Slavery:  
slavery to drugs (posters)—  
black version, 15019  
white version, 15020
- Sleeping Bear Dunes National Lakeshore:  
establish—  
hearings, 13525  
report, 13463
- Slide films, *see* Film slides.
- Slidfilms, *see* Film slides.
- Slip laws, *see* Law.
- Slipstreams, *see* Propellers.
- Slope County, N. Dak., community profile, 14199
- Slopes:  
newly shaped—  
mulching as means of erosion control, 15221  
seeding for erosion control, 15230
- Sludge, *see* Sewage.
- Small, Hamish, poisoning of ion exchange materials by surface active ions, 14599
- Small business, *see* Business.

- Small Business Administration:  
 appropriations, 1971, hearings, 13708  
 business loans, lending objectives, etc., 15157  
 starting and managing series, 15159  
 Small Business, Select Committee on, House:  
 hearings, 13544  
 investigations and studies, expenses, report, 13448  
 Small Business, Select Committee on, Senate, hearings, 13761  
 Smith, Kenneth M., nomination, hearing, 13719  
 Smith, Robert, cost and performance estimates of tertiary wastewater treating processes, 14407  
 Smith, Robert G., relief, 13277, 13596  
 Smith, Thomas A., relief, 13276, 13595  
 Smith, Thomas B., soybean and cottonseed oils used in shortening and salad and cooking oils, trends, prices, spreads, 12992  
 Smith, V. K., Jr., eastern subterranean termite, 14442  
 Smith, W. S., temperature, pressure, density, and wind measurement in stratosphere and mesosphere, 14893  
 Smithsonian Institution:  
 appropriations, 1971,—  
 additional, authorize, report, 13680  
 law, 13335  
 report, 13645  
 citizen regent of Board of Regents, additional members, provide, report, 13666  
 contributions to paleobiology, 15160  
 contributions to zoology, 15161-162  
 publications, price list, 15127  
 storage facilities for museum items, etc., design and construct, report, 13665  
 Smoking:  
 and health bibliography, 15131  
 smoking, health, and you, facts for teenagers, 13183  
 Snake River and Valley, fish passage report, 14302  
 Snipes, hunting, possession, transportation, importation, 1970-71, in United States, etc., Federal regulations governing, 15276  
 Snow, Federal-State-private cooperative surveys, story, general information, 15238  
 Social and Rehabilitation Service, nursing home care and prescribed drugs under Medicaid program in California, continuing problems, GAO report, 14497  
 Social interaction, *see* Behavior.  
 Social security:  
 amendments of 1970, brief summary, 13549  
 benefits, increase, social security amendments of 1970, brief summary 13549  
 programs throughout world, 15171  
 research and statistics notes, 15170  
 self-employed, reporting your income, 15174  
 social security and your household employee, 15173  
 survey of disabled, reports, 15168-169  
 social security and cash tips, 15172  
*see also* Disability insurance.  
 Social Security Administration:  
 research reports, 15171  
 SSI series, 15172-175  
 Social service, *see* Social work and problems.  
 Social work and problems:  
 graduate social work education, cost and output, exploratory study, 15163  
 social services—  
 Federal assistance programs, catalog, 13824  
 statistical report, 14939  
 Veterans Administration career opportunities in hospitals and clinics, nationwide professional social workers, social work associates, graduate training, 15379  
 Social workers, Veterans Administration hospitals and clinics, nationwide, career opportunities, 15379  
 Sociology, sociological health problems, grades 4-6, New York State Education Department, Albany, N.Y., 14946  
 Sodium:  
 and sodium compounds, minerals year-book chapter, 14797  
 concentration in lignite, prediction, 14794  
 Sodium aluminate:  
 SO<sub>2</sub> sorption-regeneration reactions, with alkaliized alumina, mathematical evaluation, 14793  
 sorption of SO<sub>2</sub> and regeneration of alkaliized alumina in fluidized-bed reactors, 14792  
 Soil conditioners, conditioning rating indices for major irrigated crops grown in western U.S., 15232  
 Soil conservation:  
 California's resources, tomorrow's challenge, what's ahead for our land and people, 15193  
 conservation reserve program, history, activities, highlights, etc., 12969  
 soils and people, California cooperative soil surveys, facts about what they can do for you, 15237  
 teaching, classroom and field guide, 12998  
 Soil Conservation Service:  
 conservation information, CI series, 15196  
 organization and development, reference for employees, 15196  
 woodland, general information, 15249  
 Soil erosion:  
 critical area stabilization, guide for landowner in urban areas, western Washington, 15203  
 erosion control on logging roads in Appalachians, 14473  
 erosion on newly shaped slopes—  
 mulching as means of control, 15221  
 seeding as means of control, 15230  
 Soils:  
 and people, California cooperative soil surveys, facts about what they can do, 15237  
 classification system, placement of series, South region, 15231  
 conditioning rating indices for irrigated and non-irrigated crops in western U.S., 15232  
 handbook for soil survey of Fredericksburg, Tex., 15233  
 know your soils, importance of soil surveys, 12979  
 Lake County, Fla., classification and correlation, 15194  
 resource data for land use planning and community development, Creswell area, Oreg., 15228  
 soil survey interpretations, Mahantango Creek Watershed, Pa., 15235  
 soil survey reports—  
 Las Vegas, N. Mex., 15234  
 St. Mary's Parish, La., supplement, 15236  
 Taylor County, Tex., 15241  
 unsurfaced forward-area airfields, evaluation of soil strength by use of ground vehicles, 14335  
 Western Regional Technical Work-Planning, Conference of Cooperative Soil Survey, proceedings, 15225  
*see also* Natural resources.  
 Solar energy, solar evaporation, disposal of brine, design criteria, 14398  
 Soldiers' Home, District of Columbia:  
 appropriations, 1971—  
 report, 13426  
 waiving points of order, report, 13429  
 Solid-state welding of TD-nickel bar, 14867  
 Solid waste management, abstracts and excerpts from literature, 15258  
 Solid wastes, *see* Waste products.

# INDEX

- Solids, gas-solid suspension, heat transfer to, from externally heated tube, 14775
- Solling materials, *see* Boots and shoes.
- Solutes, ionic solvation study, 14601
- Solutions, three-component solution use in desorption of CO<sub>2</sub>, 15065
- Somma, Ryuzo, conferring citizenship posthumously, 13290
- Sonar, continuous transmission frequency modulated, studies, 13245
- Sonderman, David L., American woods, balsam fir, 14425
- Songbirds, food, feeders, and feeding, 15207
- Sonic listening, *see* Sonar.
- Sorg, Thomas J., sanitary landfill facts, 15257
- Soriano, Frank S., records of Department of State relating to political relations between Peru and other states, 1910-29, pamphlet, 14913
- Soto, Mike, testimony, hearings, 13747
- Sound:
  - acoustic sea bed reflectivity from submersible submarines, 15046
  - auditory sensitivity of goldfish within near acoustic field, 14766
  - upper and deep sound channel in northeast Atlantic, 15044
- Souris-Red-Rainy River Basins Commission, annual report, 13359
- South (U.S.):
  - dietary levels of households, 12984
  - forest atlas, 14437
  - soil classification system, placement of series, 15231
  - southern hardwood forests, identifying juvenile seedlings, 14480
  - trees and forest in crowded world of tomorrow, Southern States and Forest Service cooperative planning, 14488
- South Africa:
  - background notes, 15290
  - economic trends and their implications for United States, 14641
- South America, nautical charts and publications, catalog, 15051
- South Bay, Union School District, Imperial Beach, Calif., drug abuse education unit, grades K-12, 14943
- South Carolina, tricentennial commemorative postage stamp (poster), 15109
- South Dakota, water resources data, 14547-548
- Southeast Asia, *see* Asia.
- Southeast Asia, Select Committee on, House, funds, report, 13405
- Southeastern Power Administration, appropriations, 1971, public works, hearings, 13709
- Southern cone rust, 14440
- Southern pine, *see* Pine.
- Southwestern Power Administration, appropriations, 1971, public works, hearings, 13709
- Sovereign immunity, *see* Sovereignty.
- Sovereignty:
  - areas of special sovereignty, countries and dependencies, Federal general data standard representations and codes, 14919
  - immunity, procedure of judicial review of certain administrative agency action, hearing, 13750
- Sowing, seedling for erosion control on newly shaped slopes, 15230
- Soybeans, and cottonseed oils used in shortening and salad and cooking oils, trends, prices, spreads, 12992
- SP series, *see* Federal Maritime Commission—National Aeronautics and Space Administration.
- Space, *see* Outer space.
- Space environment, *see* Environment.
- Space explorations, *see* Outer space.
- Space structures, *see* Spacecraft.
- Space vehicles, *see* Spacecraft.
- Spacecraft:
  - adaptive controller for space base spin plane orientation, 14878
  - Apollo advanced, with all-flexible parawing, fixed base visual simulation of obstacle avoidance during terminal descent, 14879
  - Apollo landing sites, block and strip solutions involving Lunar Orbiter photographic data used to prepare contour charts, 14872
  - atmosphere wind profiles as related to space vehicle design and operations, further study, 14832
  - limited memory estimators and their application to attitude determination, analysis, 14835
  - liquid propellant two-stage launch vehicle, measured and predicted longitudinal vibrations, 14852
  - manufacturing industry, employment outlook, 14717
  - space vehicles, simulation of ionospheric conditions, 14860
  - trade-off study and conceptual designs of regenerative advanced integrated life support systems (AILSS), 14807
  - twin-gyro attitude control system including passive compensation and nonlinear control law performance, 14855
  - visual detection in spacecraft environment, experimental and analytical study, 14812
- Spacecraft accidents, Apollo 13 mission review, hearings, 13705
- Spanish Americans, Spanish speaking organizations in U.S., directory, 13095
- Spanish language:
  - programmatic course, 15299
  - instructor's manual, 15300
- Spanish speaking organizations in U.S., directory, 13095
- Spanish Sahara, *see* Spanish West Africa.
- Spanish War Veterans, *see* United Spanish War Veterans.
- Spanish West Africa, Algeria-Spanish Sahara boundary, study, 15295
- Spare parts, *see* Repair parts.
- Special groups, *see* Minorities.
- Special Representative for Trade Negotiations, appropriations, 1971, hearings, 13708
- Specifications, *see* Electricity.
- Spectacles, goggles, industrial, safety, military standard, 13809
- Spectrophotometry, spectrophotometric procedures for determination of ions formed within stress-corrosion cracks, change, 15061
- Spectroscopy, mass, bibliography, 13074
- Speculation, futures, potato, New York Mercantile Exchange, 13247
- Spheres, inflatable, falling sphere density data, evaluation, 13039
- Spherical waves, spherical wave functions of integer order used in theoretical LF, VLF field calculations, 14348
- Spiders, brown recluse spider, general information, 13247A
- Spin (spacecraft):
  - adaptive controller for space base spin plane orientation, 14878
- Spinach, canned, U.S. standards for grades, 13765
- Spink County, S. Dak., community profile, 14200
- Splices, electrical, military standard, 13807
- Sport Fisheries and Wildlife Bureau:
  - refuge leaflets, 15271-275
  - regulatory announcements, 15276
  - technical papers, 15277
- Sprinkler irrigation, *see* Irrigation.
- Spruce, Engelmann, regeneration practices in Rocky Mountains, 13003

## SSI series, 13172-175

## Stability:

and dynamic response of linear induction motor test vehicle, study, 14384  
 earth and rock-fill dams, engineering and design, EM manual, 14307  
 perturbation theory based on Lie transforms and its application to stability of motion near sun-perturbed earth-moon triangular libration points, 14825

## Stabilization:

amplitude and noise characteristics of plasma lasers, investigation, 14826  
 critical area stabilization, guide for landowner in urban areas, western Washington, 15203

Staff College, Civil Defense Office, Battle Creek, Mich., catalog, 13192

Staff development, *see* Administrative management.

Stainless steel, dissimilar thickness stainless-steel T-joints, magnetic force upset welding, 14866.

Stamps, *see* Postage stamps.

Standard time, *see* Time.

## Standards and standardization:

Air Force qualifying test form K, development and standardization, 13014

Defense Department, standardization documents, supply classification listing, 13803

Federal general data standard, representations and codes—  
 counties and county equivalents of States of United States, 14918  
 States and outlying areas of United States, 14917

Federal information processing standards publications, FIPS pubs, 14917-919

military standards, 13804-810

MILSCAP, military standard contract administration procedures, 13811

National Bureau of Standards standard reference materials, catalog and price list, supplement, 14921

standards laboratories in U.S., directory, 14916

voluntary product standard PS (series), 14928-931

*see also* subjects.

Stanley, Norman W., relief, 13271, 13589

Stanley County, S. Dak., community profile, 14201

Stans, Maurice H., address, Aug. 24, 1970, 13216

STAR, *see* Scientific and technical aerospace reports.

Starfishes, crown of thorns starfish, in tropical Pacific Ocean, control program, report, 13468

Stark County, N. Dak., community profile, 14202

Stark County, Ohio, community profile, 14203

Starr, Robert B., oceanographic investigation of Cay Sal Bank, Bahama Islands, 14347

Stars, optimum detection scheme for starfield mapping system, investigation, 14890

Starting and managing series, 15169

State Department:

and Continental Congress, 1785-90, foreign letters, microcopy, pamphlet to accompany, 14910

appropriations, 1971—  
 amendment, proposal, 13566  
 hearings, 13493, 13708

background notes, 15278-291

biographic register, 15292

department and foreign service series, 15292

progress and problems in U.S. aid to economic unification of Central America, GAO report, 14511

## State Department—Continued

records, microcopy, pamphlet to accompany political relations, 1910-29—

Bolivia and other States, 14912

Peru and other States, 14913

State governments, *see* Government.

State of art review on product recovery, 14415

States:

climates, 14340-341

congressional apportionment, decennial population census, report, 13427

congressional redistricting, availability of 1970 census data, 13098

cooperative State-Federal tick eradication activities, 1969 fiscal year, 12962

Federal general data standard representations and codes—

counties and county equivalents of States of United States, 14918

States and outlying areas of United States, 14917

Federal grants, construction of facilities for persons affected by mental retardation and other developmental disabilities, report, 13411

Federal-State cooperation for education, Advisory Council on State Departments of Education, report, 14284

forest fire control, cooperative program financing Federal allotments to States for forest fire cooperation, 14428

HEW administered formula grant programs, catalog, 14559

juvenile detention care, responsibility, 15391

meat inspection services—  
 hearing, 13490

law, 13317

mentally retarded, State and local resources, directory, 14563

national estuary study, coordinating State and Federal actions for taxing use of estuarine resources—

departmental edition, 15267

document edition, 13355

postal maps, 15114-117

solid waste management plan, developing, planning, etc., 15256

statewide community organization for the aged, project report, 12959

student aid program, print as Senate document, report, 13626

tax withholding for interstate transportation employees, exempt, report, 13474

unemployment insurance laws, comparison, revised series, 15367

*see also* Interstate agreements.

Static stresses on wide-blade propellers, 15087

Static inverters, *see* Inverters.

Statistical publications, *see* names of departments, etc., issuing publications.

Statisticians, employment outlook, 14678

Statistics, *see* subjects.

Stats, Jeanette, door to opportunity, title 5, Economic opportunity act, 13249

Statues, *see* names of persons in whose honor statues are erected.

Status of Puerto Rico, Informe de la Comisión de los Estados Unidos y de Puerto Rico sobre el status de Puerto Rico, 15370

Statutes, *see* Law.

Steel:

corrosion fatigue crack growth, behavior, 15080

industry, employment outlook, 14720

structural steel erection, special trade contractors, census of construction industry, 1967, statistics, 13135

thick-section, dynamic tear test investigations of fracture toughness, 15077

Steele, Lendell E., influence of composition on fracture toughness of commercial nuclear vessel welds, 15087

# INDEX

- Steele County, N. Dak., community profile, 14204
- Steinberg, M., concrete-polymer materials, 2d topical report, 15065
- Stenton, Thomas E., theoretical frequency response functions and power spectra of XB-70 response to atmospheric turbulence, 14824
- Stereocomparator coordinate reduction, 15137
- Sterotypers, employment outlook, 14712
- Steuben County, N.Y., community profile, 14205
- Stevens, Peter B., BLS information system, systems manual, 14680
- Stevens, Robert E., lindane spray effective against mountain pine beetle in Rocky Mountains, 14463
- Stewardesses, employment outlook, 14723
- Stewart, John H., upper Precambrian and lower Cambrian strata in southern Great Basin, 14535
- Stiffness, self-acting thrust bearings, optimization for load capacity and stiffness, 14586
- Stipp, Henry E., mineral industry of Morocco, 14786
- Stockmen, ranchers, recreation, as possible income crop from land use, how and where to get help, 15226
- Stockpiling, *see* Strategic materials.
- Stocks, *see* Securities.
- Stone, Noble H., simulation of ionospheric conditions for space vehicles, 14860
- Stone, William G., Navigation Lock, on Sacramento deepwater ship channel, Calif., designate, report, 13667
- Stone, stone setting and other stone work, special trade contractors, census of construction industry, 1967, statistics, 13127
- Stonemasons, *see* Masons.
- Stopcocks, glass, with polytetrafluoroethylene (PTFE) plugs, voluntary product standard, 14931
- Storage, *see* names or classes of articles stored.
- Stored-Product Insects Research and Development Laboratory, preliminary evaluation of new candidate materials as toxicants, repellents, and attractants against insects, 12989
- Stores:
- drug, bibliography, 15158
  - retail music store, starting and managing, 15159
  - storm surges, oceanographic phenomena, summary of selected reference material, 14343
- Story County, Iowa, community profile, 14206
- Strains and stresses:
- buckling coefficients for simply supported, flat, rectangular sandwich panels under biaxial compression, 14467
  - corrosion fatigue crack growth behavior, 15080
  - dynamic tear energy, practical performance criterion for fracture resistance, 15064
  - dynamic tear test investigations of fracture toughness of thick-section steel, 15077
  - near-minimum property values for wood, tables for developing nonparametric estimates, 14466
  - pith-associated and non-pith-associated southern pine 2 by 6's, tensile strength of finger joints, 14469
  - static stresses on wide-blade propellers, 15097
  - stress concentration due to hyperboloid cavity in thin plate, 14887
  - stress intensity and crack-opening displacement for coplanar cracks in thermoelasticity, 15067
- Strains and stresses—Continued
- thermal loading effects on composites with constituents with differing thermal expansion, 14869
  - uniaxial tensile loads applied to lightweight coated fabric with and without prior cycling, air permeability studies, 14873
  - see also* Shear (mechanics).
- Strasser, Arnold, compensation in construction industry, etc., 14729
- Strategic materials:
- disposal from national and/or supplemental stockpile of—
    - manganese, natural battery grade, law, 13306
    - molybdenum, law, 13308  - stockpile report to Congress, 14299
- Stratigraphy, upper Precambrian and lower Cambrian strata in southern Great Basin, Calif. and Nev., 14535
- Stratosphere:
- temperature, pressure, density, and wind measurements, 14893
  - variability of monthly mean zonal wind, 30-60 km, 13022
- Streams, *see* Rivers—also names of streams.
- Strength of materials:
- flexural strength of sea ice, and dynamic Young's modulus, 14304
  - Portland cement pastes and mortars, early strength development, exploratory studies, 14914
  - see also* names of materials and articles.
- Stress corrosion, *see* Corrosion and anticorrosives.
- Stresses (mechanical), *see* Strains and stresses.
- Strip-mine lands, *see* Reclamation of land.
- Strohm, W. E., Jr., engineering and design, stability of earth and rockfill dams, 14307
- Structural designs, *see* Designs (industrial).
- Structural geology, *see* Geology.
- Structures, *see* Earthwork and structures.
- Students:
- college, career opportunities in Interior Department, directory, 14592
  - Denver doesn't quit on problem students, 14276
  - Federal and State aid programs, print as Senate document, report, 13626
  - institutionalized, it's hard to come back, 14287
  - student views toward U.S. policy in Southeast Asia, hearings, 13517
- Studs, *see* Bolts and nuts.
- Stutaman County, N. Dak., community profile, 14207
- Subdivision of land, *see* Real estate.
- Submarine boats:
- nuclear, chemical research in atmosphere purification, progress report, 15073
  - submersible, used as base for acoustic sea bed reflectivity study, 15046
- Submarine canyons, *see* Submarine valleys.
- Submarine valleys, submarine basins off southern California, water quality, 14419
- Submarines, *see* Submarine boats.
- Subsidies, *see* Shipbuilding.
- Subversion, *see* Un-American activities.
- Subversive Activities Control Board, appropriations, 1971, hearings, 13708
- Suffolk County, N.Y., community profile, 14208
- Suffrage, *see* Woman suffrage.
- Sugar, products, census of manufactures, 1967, industry report, 13146
- Sugar River, watershed work plan, Grafton, Merrimack and Sullivan Counties, N.H., 15253
- Sulfur dioxide:
- SO<sub>2</sub> sorption-regeneration reactions with alkalinized alumina, mathematical evaluation, 14793
  - sorption of SO<sub>2</sub> and regeneration in fluidized-bed reactors, 14792

Sullivan County, N.H., Sugar River watershed, work plans, 15253  
 Sullivan County, N.Y., community profile, 14209  
 Sully County, S. Dak., community profile, 14210  
 Summit County, Colo., mineral resources of Gore Range-Eagles Nest primitive area and vicinity, 14524  
 Summit County, Ohio, community profile, 14211  
 Sumter County, Ala., community profile, 14212  
 Sun:  
   perturbation theory based on Lie transforms and its application of stability of motion near sun-perturbed earth-moon triangular libration points, 14825  
   pulse propagation of electromagnetic signals through solar corona, study, 14835  
   solar evaporation for disposal of brine, field experiments, 14597  
 Sundberg, Gale R., voltage breakdown in low-temperature cesium-vapor diode, 14852  
 Sunfish, green sunfish, redear sunfish, general information, 15239  
 Superconductivity, 1969 spring superconducting symposia, proceedings, 15066, 15071  
 Supervisors:  
   job grading standard for trades and labor occupations, civil service, 13199  
   supervisory grad-evaluation guide and qualification standards, 13206  
 Supplies, see Government supplies—Military supplies.  
 Supply cataloging, see Military supplies.  
 Surface active agents, poisoning of ion exchange materials by surface active ions, 14599  
 Surface tension, see Surface active agents.  
 Surface water, see Water.  
 Surfaces:  
   films spread on liquid surfaces, compressibility, modulus of compressibility, and perpendicular component of molecular dipole moment, CDC3800 computer program to calculate and plot,  
   plane, first-order effects on kinetic behavior of gases, 14864  
   sealing through contaminated pouch surfaces, 13043  
 Surfactants, see Surface active agents.  
 Surinam, foreign trade regulations, 13229  
 Surplus property, Federal, disposal for park and recreational purposes, hearing, 13520  
 Surveillance (military):  
   Behavioral Science Research Laboratory, surveillance research, summary, 13060  
 Surveys, see subjects of surveys.  
 Survivor annuities, hearings, 13538  
 Survivors, see Civil service pensions.  
 Swain County, N.C., community profile, 14213  
 Swaziland, special study mission report, print additional copies, report, 13634  
 Sweden, economic trends and their implications for United States, 14638  
 Sweetfern rust on hard pines, 14445  
 Sweeteners, cyclamate, hearings, 13519  
 Sweetpotatoes, sold in fresh markets, prices and spreads, 12993  
 Swindel, Henne F., some applications of principle of conditional analysis, 14479  
 Switches, see Electric switchgear—Electronic switches.  
 Switchgear, see Electric switchgear.  
 Sycamore, plantations, establishment and early care, 14481  
 Sycamore Flat quadrangle, Calif., geology, 14520  
 Symposiums:  
   AEC symposium series, 13066, 13068  
   1969 spring superconducting symposia, proceedings, 15066, 15071  
   see also subjects.

Synchronizers, dual-PRF, dual-pulse-frequency synchronizer for two-frequency Randle Cliff radar, 15095  
 Synthetic organic chemicals, see Organic compounds.  
 Syphilis, about syphilis and gonorrhea, general information, 15130  
 Syria, Iraq-Syria boundary study, 15297  
 Systems:  
   oil tagging system study, 14412  
   systems for deflection of jet streams of turbo-jet engines, 14896  
   see also names or types of systems, e.g. Gas.  
 Systems analysts, see Computer specialists.  
 Systems Research and Development Service, report RD series, 15339-15342

## T

TVA, see Tennessee Valley Authority.  
 Tabban, Rogelio, relief, 13257  
 Tables (compilation), see Technical Scientific and Economic subjects.  
 Tableware:  
   melamine dinnerware, alpha-cellulose-filled, for household use, product standard, 14928  
   melamine, heavy-duty alpha-cellulose-filled, product standard, 14929  
 Tabor, Elgie L., relief, 13270, 13802  
 Tacoma, Wash., Tacoma Public Schools, curriculum for drug education, grades 6-12, guide, 14941  
 Taconite, iron ores of Mesabi Range, evaluating economic availability with computerized models, 14777  
 Tae Pung, see Hills, Tae P.  
 Taft, Robert A., Water Research Center, see Robert A. Taft Water Research Center.  
 Tahoe, Lake, national lakeshore, establish, study, report, 13465  
 Tai Tai Pang, see Pang, Tai Tai.  
 Talbot, Kathryn, relief, 13391  
 Talking books, for very young readers, 14756  
 Talladega County, Ala.:  
   community profile, 14214  
   outdoor recreational development, appraisal of potential, 15240  
 Tallapoosa County, Ala., community profile, 14215  
 Tama County, Iowa, community profile, 14216  
 Tamlami Trail Tours, Inc., motor carrier accident, 14802  
 Tankers, tanker utilization and petroleum, estimated international flow, 15101  
 Tanzania, special study mission report, print additional copies, report, 13634  
 Tariff:  
   foreign trade and tariffs, proposals, written statements, other material submitted by administration witnesses, and letter of the President, 13552  
   see also names of classes of articles imported or exported.  
 Tariff and trade, general agreement on, see General agreement on tariffs and trade.  
 Tarpaulls, Federal item identification guide, 13794  
 Task Force on Research Planning in Environmental Health Science, report, 15010  
 Tax Court, appropriations, 1971, hearings, 13710  
 Taxation:  
   double, convention with Belgium, text, etc., 13573  
   gasoline lead additives tax (remarks), 15365  
   tax reform act of 1969—  
     oral and written testimony, hearings, 13729  
     table of contents for committee amendment to H.R. 13270, 13730

# INDEX

- Taxation—Continued
  - tax treatment of export income, Domestic International Sales Corporation proposal of Treasury Department, 13551
  - see also Employment taxes—Inheritance and transfer tax—also names of articles, etc. subject to tax.
- Taxes, *see* Taxation.
- Taxicab drivers, employment outlook, 14709
- Taxiways (aeronautics):
  - design standards, airports served by air carriers, 14356
- Taylor, T. M., application of imperfect, reduced state relay control to model-reference systems, 14934
- Taylor County, Iowa, community profile, 14217
- Taylor County, Tex., soil survey, 15241
- Teach them to lift, 14657
- Teacher Corps, 1969 national conference, report, 14294
- Teachers:
  - District of Columbia, salaries, increase, law, 13304
  - elementary education program, feasibility study, Georgia model, technical report, 14282
  - kindergarten, elementary and secondary schools, college and university, employment outlook, 14683
  - opportunities abroad, teaching, short-term seminars, 14291
- Teaching:
  - emergency medical technician-ambulance basic training program, instructor's lesson plans, 14958
  - Federal income taxes, general information, 14616
  - see also subjects taught.
- Technical bulletins:
  - Agriculture Department, 13008
  - Army Department, 13054
- Technical education, annual report, 14298
- Technical manuals, Army Department, 13055-58
- Technical memorandums, Environmental Science Services Administration, 14343-344
- Technical notes:
  - National Aeronautics and Space Administration, 14845-891
  - National Bureau of Standards, 14924-927
- Technical papers, Sport Fisheries and Wildlife Bureau, 15277
- Technical progress reports, Mines Bureau, 14798-800
- Technical reports:
  - Air Force Human Resources Laboratory, 13011-14
  - Air Weather Service, 13022-24
  - Cold Regional Research and Engineering Laboratory, 14304-5
  - Environmental Science Services Administration, 14345-350
  - Forest Service, ETR (series), 14431
  - highway planning, 15134
  - Natick Laboratories, 13041-47
  - National Aeronautics and Space Administration 14892-895
  - Waterways Experiment Station, 14336
- Technical research reports, Behavioral Science Research Laboratory, 13059-60
- Technical translations, National Aeronautics and Space Administration, 14896-898
- Technical Writing, *see* Writing.
- Technicians:
  - engineering and science, employment outlook, 14675
  - scientific and technical personnel in industry, 14741
  - see also Radio service technicians—Television service technicians.
- Techniques Development Laboratory, ESSA technical memorandum, WBTM TDL series, 14343-344
- Techniques of work simplification, 13048
- Technological Laboratory, Gloucester, Mass., general information, 13235
- Technology:
  - assessment system for Executive Branch, report, 13543
  - defense, cooperative technical and scientific projects, agreement with Argentina, 15315
  - exchanges, agreement with Union of Soviet Socialist Republics, 15312
  - science, technology and American diplomacy, 13514
  - technology assessment and environment, hearings, 13541
  - see also subjects.
- Teenagers, *see* Youth.
- Teetsel, Dorothy A., literature survey on thermal degradation, thermal oxidation, and thermal analysis of high polymers, 13814
- Telephone, directory, Health, Education, and Welfare Department, 14560
- Telescopes, optical, technology, workshop symposium, 14840
- Teletype operators, teletypists, employment outlook, 14723
- Television, political broadcasting, revise provisions, report, 13436
- Television service technicians, employment outlook, 14707
- Temperature:
  - low-temperature cesium-vapor diode, voltage breakdown, 14852
  - probabilities of hot and cold days sequences and hot spells in Nevada, Markov chain models, 14345
  - stratosphere and mesosphere, 14893
  - streams on Long Island, N.Y., urbanization effects, 14536
- Tennessee River and Valley, fish, bottom fauna and aquatic habitat of streams, 15353
- Tennessee Valley Authority:
  - act of 1933, amend—
  - hearing, 13759
  - report, 13412
  - appropriations, 1971—
  - hearings, 13709
  - report, 13697
  - bonds to finance powerplant projects, increase amount issued—
  - hearing, 13759
  - report, 13412
  - forestry, publications, list, 15352
- Tensile strength, *see* Strains and stresses.
- Tensile stresses, *see* Strains and stresses.
- Tents, Federal item identification guide, 13794
- Tenure of land, *see* Land tenure.
- Terminal boards, electrical, military standard, 13807
- Terminals (cable):
  - electrical, military standard, 13807
- Termiles, eastern subterranean, description, control, etc., 14442
- Terrazzo:
  - work, special trade contractors, census of construction industry, 1967 statistics, 13129
  - workers, employment outlook, 14696
- Terrell County, Tex., Sanderson Canyon Watershed, work plan for watershed protection and flood prevention, 15246
- Tertiary period, mollusks (Gastropods, Eulimidae, Marginellidae to Helminthoglyptidae), 14534
- Testing, *see* names of substances or objects tested.
- Tests, *see* types and names of tests—subject of tests.
- Texas:
  - census of business, retail trade, merchandise line sales, 13118
  - county business patterns, 13170

## Textiles:

Flammable fabrics act amendments of 1970, report, 13672  
lightweight coated fabrics, subjected to uniaxial tensile loads with and without prior cycling, air permeability studies, 14873

*see also* names of textiles.

TFX (tactical fighter experimental airplane) *see* Airplanes.

Thailand, Air Force servicemen's clubs, activities, allegations of kickbacks and other irregularities, hearing, 13714

Theodore Roosevelt National Memorial Park, Badlands ranch house, furnishing plan, 15027

Thermal analysis, *see* Heat.

## Thermal properties:

thermal degradation of wood components, literature review, 14464

thermal loading effects on composites with constituents with differing thermal expansion, 14869

thermal-vacuum testing of high-temperature electrical components, 14817

Thermal stress, *see* Strains and stresses.

Thermoelasticity, stress intensity and crack-opening displacement for coplanar cracks, 15067

Thompson, John F., jr., nomination, hearing, 13719

Thompson, Kingsley P., cross-sectional plots of plane intersections; adaptations of APT system, 15072

Thompson, Will F., physical geography and military environment in transect of Utah and Colorado Rockies, 13042

Thorium, TD-nickel bar, solid-state welding, 14867

Threaded studs, Federal item identification guide, 13795

Thrust, self-acting thrust bearings, optimization for load capacity and stiffness, 14886

TIAS series, 15301-334

Ticks, cooperative State-Federal tick eradication activities, 1969 fiscal year, 12962

## Tides:

current tables, 1971—

Atlantic Coast of North America, 13203  
Pacific Coast of North America and Asia, 13209

oceanographic phenomena, summary of selected reference material, 14343

tables, central and western Pacific Ocean and Indian Ocean, 13210

Tie rods, and rod ends, Federal item identification guide, 13797

TIES computer program series, 15137

## Tiles:

setters, employment outlook, 14696

tile work, special trade contractors, census of construction industry, 1967, statistics, 13129

Tillage, mulch, in Corn Belt, 15220

## Timber:

Douglas-fir, inland saw timber, new and easier way to estimate quality, 14477

flows and utilization patterns, in Douglas-fir region, 14474

growing timber resource of Michigan, 14482

national forest sale accomplishments, 1969 fiscal year, 14451

Ohio, resources, 14483

single-span skyline volume survey, Pacific Northwest region, 14486

## Time:

and frequency transfer via microwave link, 15096

standard time zone chart of the world, 15053

time history plots of ion-polar molecule collisions computer made motion pictures, 14849

*see also* Hours of labor.

Time deposits, time and savings deposits, changes, 14386-387

Tioga County, N.Y., community profile, 14218

Tips (monetary), *see* Gratuities.

Tipulidae, *see* Flies.

## Tires:

pneumatic and solid, Federal item identification guide, 13796

tire explosion, multidisciplinary accident investigation, 14978

TIROS (television infrared observation satellite), *see* Satellites.

Titration, *see* Volumetric analysis.

Tlingit Indians, judgment funds, disposition, law, 13310

## Tobacco:

burley, allotments, lease and transfer, authorize, report, 13479

commercial tobacco farms, costs and returns, 1969, Coastal Plain, N.C., 14269

exports, prospects and problems (remarks), 13004

Maryland, light air-cured, market review, 1969 crop, 13764

Todd County, S. Dak., community profile, 14219

Toftner, Richard O., developing State solid waste management plan, 15256

## Togo:

and West African Customs Union, foreign trade regulations, 13219

economic trends and their implications for United States, 14635

Toilets, Edson model 117A lever-action hand pump for chemical servicing, equip tips, 14432

## Tolyabe National Forest:

boundaries, extend, hearing, 13743

Carson Ranger District, general information, 14489

Toledo, Ohio, air quality control region, Federal facilities, air pollution report, 14901

Tomato juice, standards for grades, 13767

Tomato paste, standards for grades, 13768

Tomato puree, canned, standards for grades, 13766

Tomatoes, controlled atmosphere system laboratory studies on storage, etc., 13046

Tompkins County, N.Y., community profile, 14220

Tool makers, employment outlook, 14710

Tools, cross-sectional plots of plane intersections, adaptation of APT system, 15072

Tornadoes, safety rules, 14351

Torque wrenches, *see* Wrenches.

Tourists, *see* Visitors.

Towing, shape of cable towed in circular path, 15075

Towns, *see* Cities and towns.

Towson, Md., drug abuse education, 1968, grades 6, 9, 12, curriculum guide, 14942

Toxicants, *see* Poisons.

Toxicity, *see* Poisons.

## Tracking:

display scanning, sampling, and reconstruction using separate main and secondary tracking tasks, research, 14814

transmitter for tracking wildlife, 14462

Tracking stations, agreement with Australia, 15304

TRACON (Terminal radar approach control), *see* Radar.

Trade, *see* Commerce—also names of classes of commodities.

Trade and industry publication, 13034-35

Trade fairs, *see* Fairs.

Trade marks, *see* Trademarks.

Trademarks, index, 15102

Trades, *see* names of trades.

Traffic, patterns in small manufacturing plants, commodity transportation survey, 13156

Traffic clerks, traffic agents and clerks, employment outlook, 14723

# INDEX

- Traffic control, and global navigation using satellites, 14895  
*see also* Air traffic.
- Traffic safety, *see* Safety of life.
- Trailblazers, Morrison trailblazer, evaluation, 14435
- Trailer parks, mobile home parks financing, 14579
- Trailers:  
mobile homes, veterans' home loan program, hearing, 13545, 13755  
multi-hitch trailer coupling, equip tips, 14453  
Traill County, N. Dak., community profile, 14221
- Traineeships, Allied health professions personnel training act advanced programs, extension, reports, 13410, 13416
- Training:  
Employment and training opportunities act of 1970, report, 13704  
how to train workers on job, 14654  
Marine Corps officer candidate school training, effects on serum uric acid levels, 14762  
programs under Economic opportunity act, door to opportunity, 13249  
*see also* Transfers of training.—*also* subjects.
- Training devices, flight, fidelity of simulation and transfer of training, review of problem, 13088
- Trains, *see* Railroads.
- Trajectories, interplanetary and orbital, parametric design, with examples for Mars, 1973-77, opportunities, 14880
- Transfer of learning, *see* Transfer of training.
- Transfer of training, fidelity of simulation and transfer of training, review of problem, 13088
- Transformations (mathematics):  
fast Fourier transform, FORTRAN program for fast computation, 15074
- Transformers, *see* Electric transformers.
- Transitions:  
flat plate with deflected trailing edge flap, heat transfer measurements at Mach 8, with effects of transition included, 14861  
state transition matrix, application of Brouwer's artificial satellite theory to computation, 14575
- Transistors, radiation induced nonlinear degradation of transistor gain, 14813
- Transit system, *see* Local transit.
- Translations, technical, National Aeronautics and Space Administration, 14896-898
- Transmission lines, *see* Electric lines.
- Transmissions, continuous transmission frequency modulated sonar, studies, 13245
- Transmissometers, laser used for transmissometer calibrator, evaluation, 15340
- Transmitters:  
communications-radio receiving set AN/PRR-9 and transmitting set NA/PRT-4, operator training course, electronics and communications, 13050  
transmitter for tracking wildlife, 14462
- Transport aircraft, *see* Aircraft.
- Transport airplanes, *see* Airplanes.
- Transportation:  
census, 1967, final volumes, 13155-156  
comprehensive national system, development, hearings, 13724  
high speed ground, research and development, extend—  
hearings, 13720  
report, 13669  
High speed ground transportation act of 1965, extend, report, 13669  
intermodal system, containerization concept for moving shipments (remarks), 14372
- Transportation—Continued  
interstate employees, State withholding for income tax purposes, exempt, report, 13474  
migratory birds, 1970-71, in United States, etc., Federal regulations governing, 15276  
national planning manual, 1970-90, general instructions, 15364  
national transportation act of 1969, hearings, 13724  
Northeast Corridor Transportation Project, NECTP (series), 14352  
nuclear spent fuel, Southern Governors Conference, proceedings, 13070  
public, use of highway funds, hearings, 13760  
regional intercity rail passenger service authority compact, consent of Congress, hearings, 13724  
resource allocation study (TRANS), summary report, development of prototype model, 15138  
urban transportation planning system 360, program documentation, 15136  
*see also* Freight rates—Local transit.
- Transportation Department:  
Assistant Secretary—  
Advanced Systems Development and Technology, nomination of Robert H. Cannon, Jr., hearing, 13719  
Policy and International Affairs, nomination of Charles D. Baker, hearing, 13719  
National plan for navigation, 15363  
role in motor vehicle safety standards, special study, 15043  
Secretary to serve as member of National Aeronautics and Space Council, report, 13417
- Transylvania County, N.C., community profile, 14222
- Travel:  
Government, standardized regulations, 13091  
Increase foreign travel to United States, report, 15419  
international, health information, 14950  
International travel act of 1961, amend, report, 13419  
USA, travel bargains, for visitors from overseas, 15373  
Spanish edition, 15372
- Treasury Department:  
appropriations, 1971, hearings, 13710  
law enforcement agent, career opportunities, 15366  
sale of U.S. obligations directly to Federal reserve banks, extend authority, 13334  
Treasury enforcement agents, career opportunities, 15366
- Treaties, treaties and other international acts series, 15301-334
- Tree planting, *see* Forest planting.
- Trees:  
and forests in crowded world of tomorrow, Southern States and Forest Service cooperative planning, 14488  
experimental planting of 14 tree species on Pennsylvania's anthracite strip-mine spoils, 14472  
ornamental, improvement, forester's conference proceedings, 14457  
*see also* Forests and forestry.
- Triangulation:  
perturbation theory based on Lie transforms and its application to stability of motion near sun-perturbed earth-moon triangular libration points, 14825  
stereocomparator coordinate reduction of image points on aerial photographs as aid in highway planning, construction, etc., 15137
- Trimming, automotive soft trim, how imports might affect certain workers of American Motors Corp., Tariff Commission report, 15343

Trinidad and Tobago, economic trends and their implications for United States, 14626  
 Tripp County, S. Dak., community profile, 14223  
 Tri-State Transportation, Inc., motor carrier accident, 14803  
 Tropics, National Guard Bureau, Eisenhower trophy to outstanding unit of company size, announcement of winners, pamphlet, 14955  
 Tropics, mean-cloudiness and gradient-level-wind charts, 13023  
 Trout, fish and fish products, determining absence of infectious pancreatic necrosis (IPN) virus, approved procedure, 15260  
 Truck drivers, *see* Motortruck drivers.  
 Truck mechanics, *see* Mechanics (persons).  
 Trucks:  
     accident investigations—  
         car/truck collision, fire, 14989  
         median crossover multivehicle collision, 14981  
         pickup truck-fixed object impact, 14967  
         rear end collision, 14984  
         two vehicle intersection collision, 14979  
 Truman, Harry S., Library, *see* Harry S. Truman Library.  
 Trumbull County, Ohio, community profile, 14224  
 Trunk, Gerard V., trimmed-mean detector for noncoherent distributions, 15069  
 Trust Territory of Pacific Islands, improvements needed in financial management system, GAO report, 14503  
 Trusts (industrial):  
     antitrust laws, newspapers, exempt certain combinations and arrangements necessary for survival, law, 13328  
 Trusts and trustees, legal investments for trust funds in District of Columbia, list, 13818  
 Truth in lending act, *see* Credit.  
 Tubes:  
     aluminum tubing with various amounts of unidirectional boron/epoxy reinforcement, compressive and column strengths, 14877  
     externally heated, heat transfer from, to gas-solid suspension, calculation procedure, 14775  
     hose, pipe and tube fittings, quick disconnect and self-sealing, Federal item identification guide, 13788  
 Tubing, *see* Tubes.  
 Tuna fish, Atlantic albacore fishery, 13239  
 Tuomy, J. M.:  
     freeze-drying food for Armed Services, 13045  
     response of cooked freeze-dried combination meat items to oxygen, 13047  
 Tupes, Ernest C., 1969 updating of data file for AFROTC management control system, 13013  
 Turbine fans:  
     6-foot-diameter for turbofan engines, acoustic and aerodynamic performance, design of facility and QF-1 fan, 14856  
     V/STOL transport model with 4 pod-mounted fans, wind tunnel investigation, 14851  
 Turbine fuel, methane fuel used in turbines of turbojet powered Mach 3 transport turbine, aerodynamic and cooling requirement, 14871  
 Turbines, turbine aerodynamic and cooling requirement for turbojet powered Mach 3 transport using methane fuel, 14871  
 Turbofan engines, *see* Engines (aircraft).  
 Turbojet aircraft, *see* Aircraft.  
 Turbojet engines, *see* Engines (aircraft).  
 Turbulence:  
     atmospheric, theoretical frequency response functions and power spectra of XB-70, 14824

Turbulence—Continued  
     vibration isolation of commercial jet transport pilots during turbulent air penetration, 14811  
 Turkey, cotton textiles, trade, agreement, 15327  
 Turkeys, habitat management, 15217  
 Turnbuckles, Federal Item Identification guide, 13797  
 Turner County, S. Dak., community profile, 14225  
 Tuscaloosa County, Ala., community profile, 14226  
 Tuscarawas County, Ohio, community profile, 14227  
 TVA, *see* Tennessee Valley Authority.  
 Tweto, Ogden, mineral resources of Gore Range-Eagles Nest Primitive Area and vicinity, Summit and Eagle Counties, Colo., 14524  
 Two keys for appraising forest fire fuels, 14476  
 Tyrrell County, N.C., community profile, 14228

U

U.N. *see* United Nations.  
 U.S.S.R., *see* Union of Soviet Socialist Republics.  
 UDEAO, *see* West African Customs Union.  
 Ulster County, N.Y., community profile, 14229  
 Umbrellas, and metal parts thereof, Tariff Commission report, 15348  
 UN *see* United Nations.  
 Un-American activities, subversion in New Left, extent, hearings, 13747  
 Uncompahgre Indians, disposition of funds, report, 13483  
 Underdeveloped areas, developing countries and U.S., economic trends (remarks), 14388  
 Unemployment insurance:  
     employment security amendments of 1970—  
         law, 13340  
         questions and answers, 15368  
         State laws, comparison, revised series, 15367  
         tax rates by industry, 15369  
 Union County, Tenn., appraisal of potentials for outdoor recreational development, 15191  
 Uniformed services, *see* Armed Forces—Pay, allowances, etc.  
 Union County, Iowa, community profile, 14230  
 Union County, S.D., community profile, 14231  
 Union Douaniere des Etats de l'Afrique de l'Ouest, *see* West African Customs Union.  
 Union of Soviet Socialist Republics:  
     American shortcomings in negotiating with Communist powers, 13738  
     cultural relations, exchanges agreement, 15312  
     gazetteer, official standard names, 14517  
     Soviet missiles in Cuba and Caribbean region, U.S. security posture, hearings, 13510  
 Union wages, *see* Wages.  
 Unions, *see* Labor unions.  
 Uniroyal, Inc., Mishawaka, Ind., plant, certain workers, protective footwear of rubber or plastics and rubber- or plastic-soled footwear with fabric uppers, Tariff Commission report, 15346  
 United Arab Republic (Egypt):  
     protocol for accession to general agreements on tariffs and trade, 15334  
 United Kingdom of Great Britain and North Ireland, *see* Great Britain.

# INDEX

United Nations:  
 action agency for peace and progress, 15298  
 suboceanic lands policy, special study, hearings, 13725  
 25th anniversary, hearings, 13518  
 United Nations Economic Commission for Africa, useful market surveys and industry reports issued, supplement, 13227  
 United Seamen's Service:  
 Government assistance to promote seamen's welfare, authorize—  
 hearings, 13535  
 report, 13466  
 United Spanish War Veterans, convention, proceedings, 13358  
 United States:  
 NOTE.—For all subjects pertaining to the United States, except its government, general history, and description, see such subjects.  
 United States Arms Control and Disarmament Agency, biographic register, 15292  
 United States Information Agency:  
 appropriations, 1971, hearings, 13708  
 biographic register, 15292  
 United States Mission to United Nations, biographic register, 15292  
 United States National Commission for UNESCO memo, man and his environment, view toward survival, conference proceedings, 15335  
 United States-Puerto Rico Commission on Status of Puerto Rico, report, Spanish edition, 15370  
 Universities, see Colleges and universities.  
 University of Dubuque, men's residence halls, buildings with fallout protection, design case study, 13187  
 Unloading and lading, palletized and containerized unit loads, instructions for loading, military standard, 13804  
 Upholsterers, automobile trimmers and installation men, employment outlook, 14704  
 Upland, Calif., aircraft accident, 15036  
 Upper Mill Creek:  
 Jefferson County, Ky.—  
 flood plain information, 14309  
 floods, how to avoid damage, 14325  
 Upper Mississippi River Wildlife and Fish Refuge, birds, list, 15271  
 Uranium:  
 enrichment pricing criteria, hearings, 13349  
 titrimetric determination in product, fuel, and scrap materials after ferrous ion reduction in phosphoric acid, 13075  
 Urban areas, see Cities and towns.  
 Urban life, see Cities and towns.  
 Urban planners, see City planners.  
 Urban planning, see Redevelopment (city planning, etc.).  
 Urban policy, see Redevelopment (city planning, etc.).  
 Urban renewal, see Redevelopment (city planning, etc.).  
 Urbanization:  
 effects on temperature of streams on Long Island, N.Y., 14536  
 hydrology and some effects of urbanization on Long Island, N.Y. (series), 14536  
 Uric acid, serum levels, effects of Marine Corps officer candidate school training, 14762  
 Uruguay:  
 agricultural commodities, agreement, 15306  
 background notes, 15287  
 USDA, see Agriculture Department.  
 USS Shenandoah, see Shenandoah (USS).  
 USSR, see Union of Soviet Socialist Republics.

Utah:  
 apples, marketing order authority, extend, law, 13316  
 census of business, 1967, retail trade, merchandise line sales, 13119  
 habitat management for—  
 blue grouse, 15208  
 California quail, 15209  
 Canada goose, 15210  
 chukars, 15211  
 gray partridges, 15212  
 ring-necked pheasants, 15215  
 ruffed grouse, 15218  
 pond management for largemouth bass and bluegill, 15224  
 Rockies, transect, physical geography and military environment, 13042  
 sunfish, green sunfish, redear sunfish, general information, 15239  
 Utah (U.S.S.):  
 memorial at Pearl Harbor, erection and maintenance, report, 13657  
 Ute Indians, Uintah and Ouray Reservation, disposition of funds, report, 13483  
 Ute Tribe of Uintah and Ouray Reservation, see Ute Indians.  
 V  
 VA, see Veterans Administration.  
 Vacuum:  
 freezing, vapor-compression process, evaluation on brackish water, 14593  
 thermal-vacuum testing of high temperature electrical components, 14817  
 Validity (psychology):  
 aptitude area composites improved for enlisted classification, development, 13059  
 Valves, general purpose, and drain cocks, Federal item identification guide, change, 13798  
 Van Buren County, Iowa, community profile, 14232  
 Van Buskirk, Frank, county veteran population, Dec. 1969, estimates, 15378  
 Van der Waerden's theorem, see Equations.  
 Vapor pressure, vapor-compression vacuum freezing process evaluation on brackish water, 14593  
 Vapors, low-temperature cesium-vapor diode, voltage breakdown, 14852  
 Vaughan, Richard D.:  
 paper, Apr. 22-24, 1969, 15259  
 solid waste management, Federal role, 15259  
 Veal in family meals, guide for consumers, 12981  
 Vectors (mathematics):  
 velocity vector azimuth angles for unguided rockets, wind-weighting techniques to predict, 13038  
 Vega Dam, vibration following Rullison subsurface nuclear blast, 15147  
 Vegetables:  
 selected, sold in fresh markets, prices and spreads, 12993  
 winter, acreage marketing guide, 13762  
 Vehicles:  
 Defense Dept. vehicle maintenance in Europe, reduction of cost by improving management, GAO report, 14514  
 ground, use to evaluate soil strength of unsurfaced forward area airfield, 14335  
 linear induction motor test vehicle, stability and dynamic response, study, 14384  
 see also Motor vehicles.  
 Velocity, wind-weighting technique to predict velocity vector azimuth angles for unguided rockets, 13038  
 Veneer logs, see Logs.  
 Veneer mills, veneer industry in Northeast, 5-year data on veneer-log production, 14484

Ventura County, Calif., Santa Paula vicinity, Santa Clara River flood plain information, 14319

Vermont, postal map, 15115

Vessel, see Shipbuilding—Ships.

#### Veterans :

county veteran population, Dec. 1969, estimates, 15378

disability, compensation rates, increase, law, 15343

education and training and home loan programs, amendments of 1970, hearing, 13755

loans, guarantee or insurance, VA lenders handbook, change, 15380

opportunities in Federal service, 13201

scarce medical services, 1969-70, additional material, 13546

see also Armed Forces—Life Insurance—Pensions.

#### Veterans Administration :

home loan program, mobile homes, provide for purchase, hearings, 13545

hospitals and medical programs, funding and personnel needs, hearings, 13547

information bulletin IB series, 15377

national service life insurance—

information and premium rates, J and JK policies, 15381

total disability income provision, premium rates, 15382

Philippine regional office, operate and maintain, extend authority, law, 13313

research monographs, 15378

VA pamphlets, 15379-382

voluntary service, National Advisory Committee, report of 1970 meeting, 15383

#### Veterans Affairs Committee, House :

committee print, 13546

hearings, 13545, 13547

proceedings, print report, 13633

report, 13402

#### Veterans hospitals :

career opportunities, professional social workers, social work associates, graduate training, 15379

VA medical and hospital program, funding and personnel needs, hearings, 13547

#### Veterinary medicine, Health training improvement act of 1970, report, 13651

#### Veterinary zoology, see Zoology.

#### Vibration :

longitudinal, measured and predicted of liquid propellant two-stage launch vehicle, 14882

of Vega Dam following Rullison subsurface nuclear blast, 15147

vibration isolation of commercial jet transport pilots during turbulent air penetration, 14811

#### Vice President of United States, election by direct popular vote, amend U.S. Constitution, proposal, report, 13700

#### Vietnam :

agricultural commodities, agreement, 15310, 15320, 15325

An Giang Province, resources inventory, 14301

Armed Forces members voluntarily extending tour of duty in hostile fire areas, special 30-day period of leave, extend authorization, report, 13637

Army aircrew protective armor, evaluation, 13044

background information, 13731

background notes, 15291

conflict—

impact on U.S. economy, hearings, 13732

student views toward U.S. policy in southeast Asia, hearings, 13517

#### Vietnam—Continued

hostilities, governments participating in treatment of prisoners of war relative to Geneva Convention, with reservations, if any, 13511

plain of Reeds, accelerated development, 14100

Violence :

crimes of violence, staff report, 15119-120

Virgin Islands :

climate, 14341

county business patterns, 13174

nonvoting delegate in House of Representatives, hearings, 13524

Virginia :

census of business, retail trade, merchandise line sales, 13120

county business patterns, 13171

Potomac Valley Conservancy District, compact, amendments, consent of Congress, report, 13467

Vision, see Sight.

Visitors, foreign visitor arrivals, 1959-69, 15371

Increase foreign travel to United States, report, 13419

VISTA, see Volunteers in Service to America.

Vital statistics :

data, evaluation and methods research, 14964

data from National health survey, 14935-936

VLF, see Frequency band.

Vocational education :

annual report, 14298

cooperative day of planning, report of meeting, 14806

Vocational Education, Advisory Council on, see National Advisory Council on Vocational Education.

Vocational rehabilitation, see Rehabilitation of the disabled.

Vogt, R. H., iodine filter tests at NRL nuclear reactor, 15078

Volcanoes, and vulcanism, graphic display, 14543

Volcanology, volcanoes and vulcanism, graphic display, 14543

Voltagages, voltage breakdown in low-temperature cesium-vapor diode, 14852

Volumetric analysis, titrimetric determination of uranium in product, fuel, and scrap materials after ferrous ion reduction in phosphoric acid, 13075

Volunteer workers :

volunteer in today's world, 15383

volunteers in park program, establish—law, 13332

report, 13659

Volunteers in Service to America, VISTA scene as seen by others, newspaper articles, 14264

Von Ende, Zoe, Denver doesn't quit on problem students, 14276

Vortex flow, jet-engine exhaust and trailing vortex wakes, introduction, 13024

Voting :

lowering age to 18, amend U.S. Constitution, hearings, 13748

rights act of 1965, extend—law, 13301

report, 13401

V/STOL (vertical or short takeoff and landing), see Aircraft.

VTOL (vertical takeoff and landing), see Aircraft.

## W

Wade, George H., higher education, advance statistics on opening fall enrollment, basic information, 14286

Wage and Hour and Public Contracts Divisions, interpretative bulletin, 15386

Wage board employees, hearings, 13757

# INDEX

- Wages:
- area surveys—
    - Atlanta, Ga., 14733
    - Greenville, S.C., 14735
    - metropolitan areas, U.S. and regional summaries, occupational earnings, interarea pay comparisons, and wage trends, 14665
    - Phoenix, Ariz., 14732
    - Richmond, Va., 14731
    - Savannah, Ga., 14736
    - Worcester, Mass., 14734
  - compensation in construction industry, employment patterns, union scales and earnings, 14729
  - earnings, motor vehicle and parts manufacturing, production workers, 14742
  - exemption of certain wages and salaries from withholding for tax purposes under laws of States or subdivisions, hearings, 13722
  - Federal wage board employees, compensation, adjust, hearings, 13757
  - Inappropriate minimum wage rate determinations as cause of increased construction costs for certain Federally financed housing projects, Labor Dept., GAO report, 14496
  - industry survey, machinery manufacturing, 14737
  - prevailing rate pay systems for Government employees, report, 13408
  - union—
    - local-transit operating employees, 1969, and 1929-69 trend, 14738
    - local truck drivers and helpers, 14739
    - printing industry, 14740
  - Wagner-O'Day act, *see* Handicapped.
  - Wakes, jet-engine exhaust and trailing vortex wakes, introduction, 13024
  - Waldman, Saul, national health insurance, comparison of 5 proposals, 15170
  - Walker, Charis E., remarks, Aug. 9, 1970, 15365
  - Walker, E. H., Raft River basin, Idaho-Utah, 1966, reappraisal of water resources and ground water development, 14539
  - Walker County, Ala., community profile, 14233
  - Wallace, Idaho:
    - Place Creek project, engineers report—departmental edition, 14328
    - document edition, 13366
  - Walnuts, walnut anthracnose, 14446
  - Walsh County, N. Dak., community profile, 14234
  - Walworth County, S. Dak., community profile, 14235
  - Wang, K. P., mineral industry of mainland China, 14785
  - Wapello County, Idaho, community profile, 14236
  - War:
    - asphyxiating, poisonous, or other gases, and bacteriological methods of warfare, prohibit use, protocol, 13574
    - Near East conflict, hearings, 13512
    - Vietnam conflict, impact on U.S. economy, hearings, 13732
    - war of ideas, 1870-90, United States Navy, 13009
  - Ward County, N. Dak., community profile, 14237
  - Warfare, *see* War.
  - Warner, R. E., p-p and p-t final state interactions in reaction of  $^3\text{He}(d,t)p$ , 14870
  - Warren, Earl:
    - Chief Justice of United States, tributes to commemorate retirement from Supreme Court, 13362
    - print as House document, report, 13630
  - Warren County, Iowa, community profile, 14238
  - Warren County, N.C., community profile, 14239
  - Warren County, N.Y., community profile, 14240
  - Washabaugh County, S. Dak., community profile, 14241
  - Washington, D.C., *see* District of Columbia.
  - Washington County, Ala.:
    - community profile, 14242
    - land conveyance to Adelaide Gaines, 13576
  - Washington County, Iowa, community profile, 14243
  - Washington County, N.Y., community profile, 14244
  - Washington County, Oreg., McKay-Rock Creek Watershed, watershed work plan, 15244
  - Washington State:
    - habitat management for—
      - hares, 15213
      - rabbits, 15214
      - turkey, 15217
      - herons, general information, 15218
    - western—
      - critical area stabilization, guide for landowner in urban areas, 15203
      - hydrology of 4 streams related to Pacific salmon species, 14529
  - Washoe Indians, lands, hold in trust, law, 13336
  - Wasson, B. E., water resources of Lee County, Miss., 14550
  - Waste disposal, *see* Waste products.
  - Waste products:
    - disposal of brine by solar evaporation, design criteria, 14598
    - electroplating wastes by waste-plus-waste method used in recovery of metals, 14799
    - Industrial waste guide on logging practices, 14403
    - municipal and industrial refuse, conversion into useful materials by pyrolysis, 14796
    - municipal waste treatment plants, need for improved operation and maintenance, Federal Water Quality Administration, GAO report, 14505
    - product recovery, state of art review, 14415
    - solid waste—
      - disposal—
        - act, amend, reports, 13403, 13668
        - facilities construction grants, reports, 13403, 13668
      - management—
        - abstracts and excerpts, 15258
        - comprehensive studies, annual reports, 15255
        - Federal role (paper), 15259
        - State plan, developing, planning, etc., 15256
      - tertiary wastewater treating processes, cost and performance estimates, 14407
    - wastewater, alumina columns for selective removal of phosphorus from operating parameters, 14406
    - wastewater treatment with powdered carbons, methods of application, 14414
  - Water:
    - brackish, used to evaluate vacuum-freezing vapor-compression process, 14593
    - brine disposal by solar evaporation, field experiments, 14597
    - clean water for mid-America, 14400
    - conservation, teaching, classroom and field guide, 12998
    - District of Columbia water and sanitary sewer rates, increase, report, 13686
    - drainage canals, Beaufort County, S.C., requirements, feasibility study, 15206
    - ground water—
      - California occurrence, summary, 14541
      - infiltration reduced in sewers by zone pumping, 14417
      - Michigan, hydrological data summary, 14540

## Water—Continued

- hydrology of 4 streams in western Washington related to Pacific salmon species, 14529
- ionic solvation study, 14601
- Land and water conservation fund act of 1965, amend—
  - hearing, 13520
  - report, 13428
- natural, chemical characteristics, study and interpretation, 14549
- outfall systems for desalting plants, conceptual designs, 14504
- Pacific Northwest, new reports by Geological Survey, list, 14533
- public works appropriations, 1971—
  - hearings, 13709
  - report, 13697
- quality—
  - research, selected summaries, 14409
  - stations, national reference list, 1970 water year, 14532
  - submarine basins off southern California, 14410
- resources—
  - development by Army Corps of Engineers, California, 14333
  - Lee County, Miss., 14550
  - Michigan, data, 14544
  - Minnesota, data, 14545
  - North Dakota, data, 14546
  - Raft River basin Idaho-Utah, 1966, reappraisal of water resources and ground water development, 14539
  - South Dakota, data, 14547-548
  - technical publication, 15142
- saline ground-water resources of Rio Grande drainage basin, pilot study, 14596
- saline water research and development progress reports, 14593-601
- spherical droplets, angular, scattering functions, 15062
- supply—
  - Enrico, N. Mex., in relation to nearby high-energy detonations, investigation, 14530
  - forecasts, Federal-State-private cooperation, forecasts, story, general information, 15238
- surface water—
  - quality, United States, 14553-555
  - supply, 1961-65, United States, 14551-552
- techniques of water-resources investigations, 14542
- tertiary wastewater treating processes, cost and performance estimates, 14407
- wastewater, alumina columns for removal of phosphorus from, operating parameters, 14406
- water in urban environment (series), 14526
- water supply papers, 14549-556
- well drilling, special trade contractors, census of construction industry, 1967, statistics, 13134
- see also Ice—Natural resources—Water purification.
- Water birds, hunting, possession, transportation, importation. Federal regulations governing Alaska, 15276
- Water fowl, see Water birds.
- Water pollution:
  - America's estuaries, San Francisco Bay and Delta, Calif., protecting, report, 13488
  - conservation vs. pollution, 15201
  - control, public works appropriations, 1971—
    - hearings, 13709
    - report, 13697
  - interstate waters of Escambia River basin, Alabama-Florida and intrastate portions of Escambia basin within Florida, conference proceedings, 14401

## Water pollution—Continued

- mineral quality problem in Colorado River Basin, physical and economic impacts, 14404
- Mobile Bay and its tributaries, navigable waters, conference proceedings, 14402
- national estuarine pollution study, report, 13559
- oil tagging system study, identification methods for oil spills, 14412
- powdered carbons for waste water treatment, methods of application, 14414
- product recovery, state of art review, 14415
- Santa Barbara Channel, oil exploration leases, terminate, message from the President, 13363
- water pollution control research series, 14410-418
- water quality in submarine basins off southern California, 14419
- Water purification:
  - equipment, Federal item identification guide, 13799
  - regeneration of spent granular activated carbon, 14405
  - tertiary wastewater treatment processes, cost and performance estimates, 14407
  - wastewater, alumina columns for selective removal of phosphorus from, operating parameters, 14406
- Water Resources Council:
  - appropriations, 1971—
    - hearings, 13709
    - report, 13697
- Water systems, Aerofeed hypochlorinator, series WF, evaluation, 14434
- Water supply, see Water.
- Waterborne commerce, see Commerce.
- Waterfowl, see Water birds.
- Watersheds:
  - experimental agricultural, in U.S., hydrologic data, 12996
  - forest waters, George Washington National Forest, 14447
  - watershed work plan, 15229, 15244-246, 15250-253
  - why improve channels?, 15254
  - see also names of rivers, etc.
- Waterways, bridge, hydraulics, 15135
- Waterways Experiment Station:
  - miscellaneous papers, 143335
  - technical reports, 14336
- Watkins, Phillip L., dual-PRF, dual-pulse-length synchronizer for two-frequency Randle Cliff radar, 15095
- Watt, Arthur D., catalog of illustrated Paleozoic plant specimens in National Museum of Natural History, 15160
- Wave functions, spherical wave functions of integer order used in theoretical LF, VLF field calculations, 14348
- Waves, and breakers, oceanographic phenomena, summary of selected reference material, 14343
- Wayne County, Iowa, community profile, 14245
- Wayne County, N.Y., community profile, 14246
- Ways and Means Committee, House:
  - committee prints, 13548-549, 13551-552
  - hearings, 13550
  - reports, 13398, 13406
- Weapons:
  - cartridges, Federal item identification guide, 13782
  - nuclear, firefighting procedures, Army technical bulletin, 13054
- Weather:
  - fire weather, meteorological information for forest fire control operations, 12976
  - weather services 5-cent commemorative postal card (poster), 15107
  - see also Climate—Meteorology.
- Weather Bureau, ESSA technical memorandum, WBTM TDL series, 14343-344

# INDEX

- Weather forecasts:  
application of meteorological satellite data in analysis and forecasting, 14346  
marine weather services chart, Mexican border to Point Conception, Calif., 15355
- Weather satellites, *see* Satellites.
- Weather stations, cooperative meteorological program, extending, agreement with Mexico, 15331
- Webster, S. Dak., Test Facility and Electrodiagnosis Test-bed Plant, annual report, 14600
- Webster County, Iowa, community profile, 14247
- Weddell Sea, oceanography, Coast Guard report, 13215
- Weeks, *see* names of special weeks.
- Weevils, sitka-spruce weevil, description, etc., 14441
- Wegstein, J. H., automated fingerprint identification, 14926
- Weinstein, Leonard M., effects of two-dimensional sinusoidal waves on heat transfer and pressure over plate at Mach 8.0, 14876
- Weld metal, commercial nuclear vessel welds, influence of composition on fracture toughness, 15087
- Welders, employment outlook, 14714
- Welding:  
ceramics, techniques, 15084  
magnetic force upset welding of dissimilar thickness stainless-steel T-joints, 14860  
solid-state welding of TD-nickel bar, 14867
- Welfare funds, welfare and pension plans, statistics, 14656
- Well drilling, water well drilling, special trade contractors, census of construction industry, 1967, statistics, 13134
- Wells, J. Robert, kyanite and related minerals, 14750
- Wells, stream depletion by wells, rate and volume, computation, 14542
- Wells County, N. Dak., community profile, 14248
- Wenatchee, Wash.:  
flood control improvement, engineers report—  
departmental edition, 14337  
document edition, 13373
- Wenzel, Richard F., transient radiation effects on ruby lasers, 15079
- West African Customs Union, foreign trade regulations, 13219
- West Virginia:  
Agricultural Stabilization and Conservation Service, annual report, 12968  
census of business, 1967, merchandise line sales, 13121  
county business patterns, 13172  
northern, methane emission rate studies from mine, 14800  
postal map, 15116  
Potomac Valley Conservancy District, compact, amendments, consent of Congress, report, 13467
- Westchester County, N.Y., community profile, 14249
- Western Europe, *see* Europe.
- Western Interstate Nuclear Board, establish, report, 13640
- Weston, James T.:  
multidisciplinary accident investigations—two-car collision, icy pavement, 14992  
two vehicle intersection collision, 14966
- Wheat:  
marketing quota referendum for 1971, defer—  
law, 13323  
report, 13425
- Wheeler, Ellsworth H., Jr., Atlantic deep sea calanoid copepoda, 15162
- Where the leaders are, 13062
- White collar workers, qualification standards for positions under general schedule civil service handbook, 13197
- White fir, *see* Fir.
- White-winged doves, *see* Pigeons.
- Why improve channels? 15254
- Wichita Mountains Wildlife Refuge, wilderness, designate certain lands, hearing, 13743
- Wieder, Bernard, evaluation of Ioran tests at Anniston, Ala., and Panama City, Fla., 14349
- Wilcox County, Ala., community profile, 14250
- Wild animals, *see* Wildlife.
- Wild life, *see* Wildlife.
- Wilderness areas:  
Sawtooth Primitive Area, Idaho, mineral resources, 14525  
studies related to wilderness primitive areas (series), 14524-525
- Wildlife:  
Fish and wildlife act of 1956, amend, hearings, 13534  
transmitter for tracking, 14462  
water resource projects, cost sharing grants, law, 13318
- Wildlife management:  
national estuary study—  
departmental edition, 15264  
document edition, 13355  
public management schemes relevant to estuarine resource use—  
departmental edition, 15260  
document edition, 13355
- Wildlife refuges, refuge leaflets, 15271-275  
*see also* names of refuges.
- Wilkes, James W., useful market surveys and industry reports issued by United Nations Economic Commission for Africa, supplement, 13227
- Wilkes County, N.C., community profile, 14251
- Willamette National Forest, annual public report, 14490
- Willamette River and Valley, upper basin, Resource Conservation and Development Project, annual work plan, 15243
- William G. Stone Navigation Lock, designate navigation lock on Sacramento deep-water ship channel, Calif., report, 13667
- Williams County, N. Dak., community profile, 14252
- Wilson, D., scientific photography, plowshare program, civil, industrial and scientific uses for nuclear explosives, Palanquin project, 13079
- Wind, *see* Winds.
- Wind profiles, *see* Wind.
- Wind tunnels:  
investigations—  
aerodynamic characteristics of X-24A lifting body aircraft, 14874  
V/STOL transport model with 4 pod-mounted lift fans, 14881  
V/STOL transport model with 6-wing-mounted lift fans, 14848
- Winds:  
Jimsphere wind profiles as related to space vehicle design and operations, study, 14832  
measurements in stratosphere and mesosphere, 14893  
monthly mean zonal wind, 30-60km, variability, 13022  
systems for deflection of jet streams of turbo-jet engines, 14896  
tropics, mean-cloudiness and gradient-level charts, 13023  
wind-chill chart depicts cooling effect of winter wind, 15242  
wind-weighting technique to predict velocity vector azimuth angles for unguided rockets, 13038
- Windward Islands:  
Dominica—  
Bredin-Archibald-Smithsonian Biological Survey, 15161  
crane flies (Diptera, Tipulidae), 15161

**Wings (aircraft):**

- all-flexible parawing, advanced Apollo spacecraft, fixed-base visual simulation of obstacle avoidance during terminal descent, 14879
- 6 wing-mounted lift fans, wind tunnel investigation of V/STOL transport model, 14848
- wing upstream flow interaction, analysis, 14829
- Winnebago County, Ill., flood plain information, 14318
- Winnebago County, Iowa, community profile, 14253
- Winneshiek County, Iowa, community profile, 14254
- Winston County, Ala., community profile, 14255
- Wire, aluminum, foreign free world producers, directory, 13993
- Wisconsin:
  - county business patterns, 13173
  - erosion, enemy of the people, 15205
- Withholding tax, *see* Income tax.
- Witnesses, Federal immunity of witnesses act, report, 13421
- Women:
  - equal rights amendment to U.S. Constitution—
    - hearings, 13746
    - memorandum, 14591
    - job patterns in private industry, 14353
  - State labor laws, summary, Ohio, 15390
  - see also* Woman suffrage.
- Woman suffrage, 6-cent commemorative postage stamp (poster), 15110
- Wood:
  - American woods, balsam fir, 14425
  - components, thermal degradation, literature review, 14464
  - frame house construction, 12974
  - limbwood and green logs, directions for treatment to prevent splitting and checking, 14429
  - near-minimum property values, tables for developing nonparametric estimates, 14466
- Wood chemicals, *see* Chemicals.
- Wood finishing, blistering, peeling and cracking of house paint from moisture, 14458
- Wood preservation, *see* Wood.
- Woodbury County, Iowa, community profile, 14256
- Woodcock, hunting, possession, transportation, importation, 1970-71, Federal regulations governing, 15276
- Woodlands, *see* Forests and forestry—Natural resources.
- Woodring, W. P., geology and paleontology of Canal Zone and adjoining parts of Panama, 14534
- Woods, *see* Forests and forestry.
- Wool:
  - production, shorn wool, 1970 statistics, 15338
  - statistics and related data, 1930-69, 13007
- Worcester, Mass., area wage survey, 14734
- Work:
  - simplification techniques, Army pamphlet, 13048
  - work experience programs under economic opportunity act, title 5, door to opportunity, 13249
- Workbooks, *see* Subjects.
- Workers, *see* Labor.
- Workmen's compensation, *see* Employer's liability and workmen's compensation.
- Workweek, *see* Hours of labor.
- World, *see* Earth.
- World War, 1939-45, veterans, *see* Veterans.
- Worth County, Iowa, community profile, 14257
- Wrapping, *see* Packing.

**Wrecking:**

- and demolition work, special trade contractors, census of construction industry, 1967, statistics, 13139
- demolition materials, Federal item identification guide, 13785
- Wrenches, and components, hand, nonpowered, Federal item identification guide, 13801
- Wright, Kenneth H., Sitka-spruce weevil, 14441
- Wright County, Iowa, community profile, 14258
- Writers, *see* Authors.
- Writing, writing occupations, newspaper reporters, technical writers, employment outlook, 14985
- Wykes, John H., XB-70 structural mode control system design and performance analyses, 14810
- Wyoming:
  - conservation of owls, 15200
  - farmers and ranchers, recreation, an income crop from land use, how and where to get help, 15226
  - non-game birds, ways to attract, 15248
  - postal map, 15117
  - red fox, habitat needs, etc., 15227
- Wyoming County, N.Y., community profile, 14259

**X**

- X-ray technicians, radiologic technologists, employment outlook, 14669
- X-24A, *see* Aircraft.
- XB-70, *see* Airframes—Airplanes.

**Y**

- Yakima Indians, disposition of funds report, 13481
- Yakima River, distribution and abundance of fish, Apr. 1957-May 1958, Washington, 13241
- Yancey County, N.C., community profile, 14260
- Yang, Chung-chum, meromorphic functions and derivatives, 15068
- Yankton County, S. Dak., community profile, 14261
- Yates County, N.Y., community profile, 14262
- Yellowstone National Park, commemorate 100th anniversary of establishment law, 13307
- Yin, Low, relief, 13291
- Ying, Low, *see* Yin, Low.
- Young, C. W., Jr., review of microwave switching schemes and variable power-division networks using phase shifters, 15083
- Young's modulus, *see* Elasticity.
- Youth:
  - children's and young adult services in public library systems serving from 100,000 people, 1970 directory, 14277
  - drug use, scope, corrective measures, etc., 15392
  - Federal youth corrections act, amend, law, 13314
  - smoking, health, and you, facts for teenagers, 13183
  - State responsibility for juvenile detention care, 15391
  - volunteer in today's world, 15383
- Youth Conservation Corps, establish, law, 13345
- Youth Conservation Corps Interagency Committee, establish, law, 13345
- Youth Correction Division, designate examiners to interview youth offenders being considered for release on parole, law, 13314
- Yuma Mesa division, *see* Gila project.

# INDEX

## Z

- Zambia
  - economic trends and their implications for United States, 14621
  - special study mission report, print additional copies, report, 13634
- Zeltoun, M. A., conceptual designs of outfall systems for desalting plants, 14594
- Ziebach County, S. Dak., community profile, 14263
- Zinc, Zn doping of GaAs films using coevaporation of elements, 15089
- Zohdy, Adel A. R., geometric factors of bi-pole-dipole arrays, 14523
- Zonars, Charles, relief of estate, 13386
- Zoology:
  - medical and veterinary, index-catalogue, 12963
  - Smithsonian contributions to zoology, 15161-162



To Superintendent of Documents,  
Government Printing Office,  
Washington, D.C. 20402

Date \_\_\_\_\_, 19\_\_

**Your name** \_\_\_\_\_

Street address \_\_\_\_\_

City, State, and ZIP Code \_\_\_\_\_

Catalog number is shown at right-hand end of last line of entry in Monthly Catalog. Order only publications indicated by a star (\*) preceding the list price.

## For Use of Supt. of Docs.

----- Enclosed -----

To be mailed  
later

..... Subscriptions .....

Refund.....

Coupon refund .....

Postage.....

[illegible]

For additional space use other side.

Total, \$ \_\_\_\_\_

For PROMPT, ACCURATE SHIPMENT please fill in the following label—Please PRINT or typewrite.

U.S. GOVERNMENT PRINTING OFFICE  
DIVISION OF PUBLIC DOCUMENTS  
WASHINGTON, D.C. 20402

OFFICIAL BUSINESS

RETURN AFTER FIVE DAYS



POSTAGE AND FEES PAID  
U.S. GOVERNMENT PRINTING OFFICE

Name \_\_\_\_\_

Street Address \_\_\_\_\_

City, State, and ZIP Code \_\_\_\_\_

[illegible]

Total, \$.

## GOVERNMENT PRINTING OFFICE BOOKSTORES

In addition to the mail-order service provided by the office of the Superintendent of Documents, Government Printing Office, for the sale of those publications listed in the Monthly Catalog with an asterisk (\*) and price, there are also 10 retail bookstores which constitute a part of the operations of that office. The locations of these stores are shown below:

Government Printing Office  
719 North Capitol Street  
Washington, D.C. 20402  
Telephone: Area code 202—783-3248

Department of Commerce, Lobby  
14th and Constitution Avenue NW.  
Washington, D.C. 20230  
Telephone: Area code 202—WOrth  
7-3527

USIA Building, 1st floor  
1776 Pennsylvania Avenue NW.  
Washington, D.C. 20547  
Telephone: Area code 202—632-9668

Department of State Building, 1st floor  
21st and C Streets NW.  
Washington, D.C. 20520  
Telephone: Area code 202—632-1437  
(Public access to building controlled by  
security regulations.)

Pentagon Building  
Main Concourse, south end  
Washington, D.C. 20310  
Telephone: Area code 202—541-2998

Boston Branch  
Room G25, John F. Kennedy Federal  
Building  
Sudbury Street  
Boston, Massachusetts 02203  
Telephone: Area code 617—223-6071

Chicago Branch  
Room 1463—14th floor  
Everett McKinley Dirksen Building  
219 South Dearborn Street  
Chicago, Illinois 60604  
Telephone: Area code 312—353-5133

Kansas City Branch  
Room 135, Federal Office Building  
601 East 12th Street  
Kansas City, Missouri 64106  
Telephone: Area code 816—374-2160

Los Angeles Branch  
Room 1015, Federal Office Building  
300 North Los Angeles Street  
Los Angeles, California 90012  
Telephone: Area code 213—688-5841

San Francisco Branch  
Room 1023, Federal Office Building  
450 Golden Gate Avenue  
San Francisco, California 94102  
Telephone: Area code 415—556-6657

UNIVERSITY OF MICHIGAN  
INDUSTRIAL RELATIONS LIB  
322 SCH OF BUS ADM  
ANN ARBOR MI 48104

**UNITED STATES  
GOVERNMENT PRINTING OFFICE**

DIVISION OF PUBLIC DOCUMENTS  
WASHINGTON, D.C. 20402

OFFICIAL BUSINESS



POSTAGE AND FEES PAID  
U.S. GOVERNMENT PRINTING OFFICE

